Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12.

	Location/Station	Control Measure Description	Installed & Operating Properly?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; if 'Yes', please detail action required)
1	Construction Site Exit including decontamination pad	RIDOT Standard Specifications RI Soil Erosion and Sediment Control Book	⊠Yes □No		Decon pad not needed due to clean moternal being imported
2	Project-wide including material stockpiles	Perimeter – compost filter socks (RIDOT 9.2.0); Stockpiles – haybales (RIDOT standard specification 206, 212)	AÉYes □No		CFS or trenches
3	Project wide including material stockpiles	RI SESC Handbook Water for dust control/cover stockpiles RIDOT Standard Specification/RISEC Handbook	□Yes □No		no studepiled material
4	Adjacent Roads	Roads adjacent to construction site shall be clean at the end of each workday	⊠Yes □No		
5	Project-wide	Pickup construction trash/debris	Ø(Yes □No		
6	Project- wide	Spill prevention/spill containment measures	⊠Yes □No		
7			□Yes □No		
8			□Yes □No		

SESC	Plan	Inspection	Report

General Site Issues

Below are some general site issues that should be assessed during inspections. Please customize this list as needed for conditions at the site.

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	⊠Yes □No □ N/A		
2	Are appropriate limits of disturbance (LOD) established?			
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	□Yes □No ⊠N/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	□Yes □No páN/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes □No ☑N/A		
6	Were all exposed soils seeded by October 15 th ?	□Yes □No ⊠N/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes □No ⊠LN/A		
8	In instances where adequate vegetative stabilization was not established by November 15 th , have non-vegetative erosion control measures must be employed?	□Yes □No ⊈N/A		
9	If work is to continue from October 15 th through April 15 th , are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes □No ÇN/A		
10	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been properly installed?	□Yes □No ☑ N/A		
11	Has the operator cleaned and maintained inlet protection measures when needed?	□Yes □No □XN/A		
12	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes □No)⊠iN/A		

SESC Plan Inspection Report

Page___of ___

	Compliance Question	15 (Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
13	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	□Yes □No ⊠N/A		
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	□Yes □No ☑N/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	□Yes □No ☑N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	Ø¥es □No □ N/A		
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	⊠Yes □No □ N/A		
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes □No ⊠ N/A		
19	Have staging areas and equipment routing been implemented to avoid compaction where permanent infiltration areas will be located?	□Yes □No □X̂N/A		
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin? [Exception: frozen conditions]	□Yes □No □XN/A		
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	□Yes □No ☑ N/A		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes ØNo ØN/A		
23	Are all chemicals being managed in accordance with Appendix J of the RISESC Handbook and current best management practices?	□Yes □No ⊈ N/A		
24	Has the site operator taken steps to prohibit the following pollutant discharges on the site?			
а	Contaminated groundwater.	□Yes □No □No		

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
b	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	□Yes □No Ø.N/A		
С	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	□Yes □No ⊠.N/A		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	⊠Yes □No □ N/A		
е	Soaps or solvents used in vehicle and equipment washing.	□Yes □No ☑ N/A		
f	Toxic or hazardous substances from a spill or other release.	⊠Yes □No □ N/A		
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?	⊠Yes □No □ N/A		
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □No '⊉ N/A		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	ØYes □No □ N/A		
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	⊠Yes □No □ N/A		
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	≨Yes □No □ N/A		
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	≨Yes □No □ N/A		
31	Are allowable non-stormwater discharges being managed properly with adequate controls?	□Yes □No ☑ N/A		
32	Is the site operator properly managing groundwater or stormwater that is removed from excavations, trenches, or similar points of accumulation?	□Yes □No ⊠ÍN/A		
33	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	□Yes □No ☑'N/A		

SESC Plan Inspection Report

Page___of ___

Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
exposed to stormwater?			
Are stockpiles located within the limits of disturbance?	□Yes □No ⊠N/A		
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	□Yes □No ∡ N/A		
Where needed, has cover or appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	□Yes □No ⊠ N/A		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	⊠Yes □No □ N/A		
Are designated washout areas (such as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the site?	□Yes □No ☑ N/A		
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	YZYes □No □ N/A		
(Other)			

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Photos:

Photo #: 1



Station: Northwest Site

Description: Construction entrance installed. Trucks entering and exiting pass over entrance. Adjacent roadway is kept clean from any trackout by vehicle traffic.

Photo #: 2



Station: North Site

Description: Compost filter sock installed along north property boundary or trenches installed to maintain stormwater flow.

Photo #: 4



Station: Southwest Site

Description: South side of property, adjacent to Clean Harbors. Trench along property boundary functioning to property manage stormwater runoff.

Photo #: 5



Station: West Site

Description: West side of property adjacent to Mill Street. Trench cut along property boundary use to deter/divert runoff.

Photo #: 6



Station: North Site

Description: Compost filter sock installed along north slope in areas where runoff expected from current grading.

DAILY PROJECT REPORT

Project:	BASF, Lot 1102		Submitted By: Aaron C. Ting				
	180	Mill Street	Signature: Consultants				
	Cran	ston, RI		Date: 9/5/2019			
	Weat	ther: Sunny	Daily			np: <u>74-57</u> (Hi - low)	
PERSONNEL	/EQU	IPMENT				(III ION)	
Contractor	No.			Owner/Representativ	ve:		
,		Superintendent					
		Foremen					
	_	H&S/QA Officer		AEI Personnel:	A. Ting	1	
	_1	Operators	SES				
	_	Laborers					
	_	Other Trades (Surveyor)		-			
SubContractor		Company/Firm Drilex		Visitors On Site:			
	4	Total Personnel On Site					
MAJOR EQUI	DME	UT.				THE SECTION OF SECTION	
Skidsteer T590		United G25 T45 Generator				MATERIALS RECEIVED	
Mini CAT E35i		Track Mounted Hollow Stem Au	iner (HSA) Driley		Gravel Burrow		
Dozer CAT D5k	<	Track Floatices Florion Stelli Au	iger (115A) Drilex		Total Qualitity	/ = 93.36 tons	
Roller Dyna PA	C 5						
Roll off Contain	ner (N	ext week drill cuttings)					
SES informed A the results are be suitable for Submitted phot AEI preparing r	e stak AEI of not in the pl to to E respon		elevations using last elevations using last ost and bioretention tions. AEI requeste erty. SES relayed in uest. Additional info	rrow imported to the ser level and rod. In nutrient, gradation and SES landscaper revien formation to landscaper mation requested fro	nd supplemental ana ew the data and confi er and awaiting resp m BASF in 9/4 email	lytical. AEI reviewed and er that the material would onse. for SES Change Order.	
AEI has reviewed procedures and AEI Signature	conte	S's Safe Work Form/Pre-Task Pla ent of SES's HASP."	in for today, and ve	rifies, by signing below	, that these docume	nts comply with the	
ISSUES/CHAN	NGES	/RESOLUTIONS:					
DISCUSSIONS N/A	S/CLI	ENT DIRECTION:					
V.							



Photo 1: SES moving roll-off container for CEC from processed gravel to stone pad using truck with winch (facing southeast).



Photo 3: Overview of northern site final subgrade (facing north).



Photo 2: Overview of southern site final subgrades (facing south).



Photo 4: Overview of northwest side of site final subgrades (facing north).





Photo 5: Photo of damaged vault covered by temporary fencing for safety purposes (facing north).



roject:
BASF Facility
Cranston, RI
Date (9519)

DAILY SAFE WORK FORM No.

SES,	Sutton,	MA
(Page	e_of	_)

Date (95	(9)		MOKK FORM MO	-	(, ago _ 01 _)
THURSA	AY				***************************************
Servicing or	Maintenance	Work Description			
Description of	VVork: CMI Ir	molementation Designat			
Start Date / Ti	me: (Date) (Ti	ime) 9.5.19.6:00			
Location of	180 Mill Stree	et, Cranston, RI	9 W		
Work		or, Granston, Kr			
Strategic Env	(ironmental C	Services, Inc. (SES)			
Primary/Lead	Company Nos	nervices, Inc. (SES)			
Contact Perso	n. Ta	LEIGHTON	J. J		
Contact phone	# 2211 2	LEIGHTOD			
made priorie	114.36	6.1519			
Health and Sa	fote (USC) D	- (1100 P)			
		lan (HASP) Signatures			
briefing. All perso	onnel participati	ASP has been made available and in the project must receive into	nd reviewed by the Individual	prior to entry into the	ne site and/or daily use
Tanaj anacistoou	, and will observ	re the contents of this HASP and	Daily Safe Work Form with B	ning below, an Ind	ividual certifies that he ha
ricalul and Sa	rety Meeting		STOCK TOTAL WIGHT P	e-rask Planning Fo	rm.
Date	Name of A	Attendee (Print)	Company		
9.5.19,	JOHN	LEIGHTON		Init	ials
915/19/		2 Ting	SES AEC	- J	
9/1//	Bob	Maxley. L			A .
9/5-/15	Jan	es Hastinis	Dilex		Ku
, ,,		The state of the s	Driler	5	sif t
			- '		
	1				
				777	
	-				
isitor Log					
is SES's policy th	né vioitore				
mply with Health	and Safety Plan	furnish their own personal protect requirements. If the visitor repre Il also immediately notify HSC.	ctive equipment. All visitors a	re required to sign	the vicitor los and
Director Office	anhergrand alla	requirements. If the visitor repre il also immediately notify HSC.	sents a regulatory agency co	ncerned with site h	ealth and safety issues
ame of Visitor (Print)	Company Name			, , , , , , , , , , , , , , , , , , , ,
		The state of the s	Date of Visit	Signature	
				(T-)	
			- N	(

Project: BASF Facility Cranston, RI Date (९ :১ : [٩)	DAILY SAFE WORK FORM	SES (Page of)

Project:
BASF Facility
Cranston, RI
Date (9.5.19)

DAILY SAFE WORK FORM

SES (Page __ of __)

**		was and National Blacks wine of Equipment	
		ment/Vehicles/Motorized Equipment	Roll-off Tractor Truck
-		VIOC TIGIIOI	Roll-off containers
_	Excavato		
	oader		Dump Truck/Triaxle
	Track Do		Dump Trailers
-		er Loader 🔲	Pickup Utility Trucks
	Frac Tan		Sump Pump
	Generato		Trench Box
	Water Bu		NaOH Storage Tank
	Sawzail	A	Other (list) CON PACTOR
71.1-		and the same of the recogite or decum	anto chacked holow
		o requires the use of the permits or docum	ents checked below
		-SPECIFIC HASP	
		T, TAG-OUT PERMIT	
		C PLANNING FORM	
		O SPACE ENTRY PERMIT	
	THERS (LIST)	
		Project Risks and Hazards Identification Idee Daily Pre-Task Plan for day-specific inform	
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X	7 3 - 31	Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X	40-	Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	Х	Overhead Work / Rigging	
	X	Special Equipment to be used	
X	1 (Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X	L and	Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate
		Project Required Precautions & Protective See Daily Pre-Task Plan for day-specific inform	
Need		Area	Specific measures that are required
X		Access & Egress Plans (People & Equipme	
**	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
-	X	Elevator use	- 1/1
Х		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	
^_	X	Fall protection	OCC OED TIMO
х	^	First Aid / Medical Treatment provisions	See SES HASP
^	X	HOT WORK Procedure requirements	OCC OLO TIPO
-	X		
-		HVAC System requirements	
	X	LINE-BREAKING procedure requirements	

Project:
BASF Facility
Cranston, RI
Date (n 3 (4)

DAILY SAFE WORK FORM

SE	S	
(Page _	_ of _	_)

	Х	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X	-:-	Trench / Excavation Boxes	See SES HASP
		Other Requirements	
Requ	uired Per	sonal Protective Equipment (PPE) Identify th	e source/s used and check the appropriate boxes
UF	PE GRID		☐ Work Provider Knowledge ☐ Prior SWP

Requ	ired Pe	ersonal Protective Equipment (PPE) Identify the :	sour	ce/s us	sed and	check the appropriate boxes
U PF	PE GR	D ⋈ MSDS □ BASF Knowledge		Work I	Provide	r Knowledge Prior SWP
YES	NO	ITEM		YES	NO	Item
Х		Hardhat (either) ☐ Fiberglass ☒ Plastic			X	Rain Suit
X		Safety Glasses, ANZI-rated, side shields			X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust			х	Personal Fall Protection Equipment
	X	Faceshield		Х		Gloves ⊠ Chemical □ Work
X		Hearing Protection ⊠ Plugs □ Muffs		Х		Long sleeve shirt and steel toed boots with steel shank
-	X	Respirator ☐ Half-mask ☐ Full-face		Х		Boots ☐ Rubber ☒ Other
	X	Dust Mask			X	Welding Protection
	X	Fire Retardant Electrical Clothing	- 1		X	Retrieval System for Confined Spaces
X		Eyewash Station	11	X	1	Mobile phone or radios
X		Tyvek Suits	\vdash	X		Insect repellent, sunscreen
		Other PPE (list)		Х		High-visibility, reflective vest

Trainir	ng Req	uirements
Need	N/A	Area
136	X	BASF Safety Orientation (if required)
X	V	MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –
-	-	

Project: BASF Facility Cranston, RI Date (প্রাথেশ)	DAILY SAFE WORK FO	RM	SES (Page of)
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	DATE
PRE-TASK PLAN (PTP)	SES SUPERVISOR:		

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task L	ist (Check off AND Circle today's activities)
	Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
	Task 4 – Transportation and Disposal of Contaminated Material
Ø.	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	ecommended Actions or Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
Ø	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
図	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
Image: Control of the	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
☑′	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
Ø	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
Ø	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation: JSA 4,5,6,8
	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)

Project: BASF Facility Cranston, RI Date (৭ বিন্দ্ৰ)		DAILY SAFE	SES (Page of)	
	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>4
	5,6	Overhead/underground	NA□ Low□ Medium⊠ High□	feet) B24 Overhead/Underground
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	Utilities: JSA 1,3,4 B25 Electrically Powered
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9 B26 Cutting Devices/Tools;
	4,5	Drums, cylinders,	NA□ Low⊠ Medium□ High□	JSA 9 B1 Chemical: JSA 4
Q	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs
₽	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs
Ø.	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA
	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs
POLLE	on of Any Additional A	Activities, And Associated Health Row - OFF CONTAIN	and Safety Risks and Protective	

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9.5.19	JOHN LEIGHTON	SES	6:00	1030
9/5/19	Aaron Ting	AET	0630	1630
1/5/19	Bel Metry	Diles	730	\$30
9/5/19	James HAStorys	Dalex	7/30	830
			N DECEMBER	

DAILY PROJECT REPORT

Major Requirement Signature: Date: 9/6/2019 Consultants				Submitted by.	Joseph Drebaum		
Daily Precipitation: 0.0" Temp: 73-56 Temp: 73-56		180	Mill Street	Signature:	Cored De	201	onsultants
Personnet Foremen		Cranston, RI		Date:	9/6/2019		onsuitants
Personnel: Precipitation: O.0" Temp: 73-56 (Hi - low)					Daily		
PERSONNEL/EQUIPMENT Contractor No.		Wea	ther:			Temp: 73-56	
Contractor No. Superintendent Foremen H&S/QA Officer 1 Operators Cother Trades (Surveyor) SubContractor No. Company/Firm 1 CEC B. Maddock (SES) R. Gadoury (SES) MAJOR EQUIPMENT: EQUIPMENT: Skidsteer TS90 United G25 T45 Generator Science TS90 Cozer CAT DSK Roller Dyna PAC 5 Roll off Container (Next week drill cuttings) WORK COMPLETED: SES CEC Onsite to conduct monitoring of wells. Bob Maddock and Ryan Gadoury Onsite for Planning meeting. All personell not onsite at start of day, briefed on Health and Safety matters. Vibratory Roller tire required repairs. Sullivan Tire out to repair in the morning. WEALTH & SAFETY: HEALTH RESIDED SUpport Sup	PERCONNEL						ow)
Superintendent Foremen H8S/QA Officer J Operators Other Trades (Surveyor) SubContractor No. Company/Firm CEC Total Personnel On Site MAJOR EQUIPMENT: EQUIPMENT/MATERIALS RECEIVE Skidsteer T590 United G25 T45 Generator Gravel Burrow (2 deliveries) Mini CAT E35i Total Quantity = 70.61 tons Dozer CAT DSK Roller Dyna PAC 5 Roller Dyna PAC 5 Roller Of Container (Next week drill cuttings) WORK COMPLETED: SES Continue to touch up areas along northern entrance to property, smothing Gravel Burrow material to meet with edge of Mill Street Asphalt. 2 loads (70.61 tons) of Gravel Burrow Material delivered, Material depth was measured with a laser level and rod. Dylan Lundren of CSC onsite to conduct monitoring of wells. Bob Maddock and Ryan Gadoury Onsite for Planning meeting. All personell not onsite at start of day, briefed on Health and Safety matters. Vibratory Roller tire required repairs. Sullivan Tire out to repair in the morning. HEALTH & SAFETY: AEI has reviewed SES'S Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the proportions and content of SES's Bafe Work Form/Pre-Task Plan for today, and verifies to the pr	Note to the second		IPMENT				
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Photo 1: Gravel Burrow placed adjacent to Mill Street. (facing south)



Photo4: Southern retention pond area. (facing West).



Photo 2: Southern portion of site where CEC had been drilling (facing East).



Photo 5: Crushed stone pad with roll off for CEC drill cuttings (facing North).



Photo 3: Gravel Burrow contours adjacent to Pawtuxet river (facing North).



Photo 6: Northern entrance to site showing contours leveling off to elevation of Mill Street (facing north).



STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road Sutton, Massachusetts 01590 Office: (508) 757.7782

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 7.6.69					Project	Number: 18 - 0122
FELDAY						
CLIENT / SITE INFORMATI	ION					
Name: BAS€/ f	LEI					
Address: 160 MILL						
CEANSTON						
Contact:						
PROJECTS NOTES Con	TINUE	S	UR.	GRADE	Actu	VITIES
LABOR					MATERI	IALS / EQUIPMENT / TOOLS
Name	Position	Trave	el On-site	Off-Site Travel	Quantity	Item / Description
JOHN LEIGHTON	08	1	6100		1	PPE Level: A B C D
		_	184		1	DOZER DSE
		_			1	EXCAUATOR E3.5 I
					1	BOBCAT T590
			\sqcup		1	ROLLER-DYNAPAC 5
					1	GENERATOR 625
					1	OFFICE TRAILER
Legiste.					1	LASER
SUBCONTRACTORS					l	HAND TOOLS
MATERIAL SAND						
(2) LOADS OF B.				w		
70.61 Tops						
,						
					-	
WEATHER OBSERVATION	15 65	36	OVEB	CAST	Project Man	nager's Signature:
	-				Client's Sign	nature:

roject: BASF Facility Cranston, RI Date (१ ६ ११)				SES, Sutton, MA (Page of)
EBIDA.				
Servicing or	r Maintenance	Work Description		
		nplementation Project		
Start Date /	Time: (Date) (ime) 9.6.19 - 1 073	^	
Location of Work	180 Mill Stre	et, Cranston, RI		
Strategic Er	nvironmental	Gervices, Inc. (SES)		
	d Company Na			
Contact Pers				
Contact pho	ne#			Maria de la companya del companya de la companya de la companya del companya de la companya de l

Health and Safety (H&S) Plan (HASP) Signatures

the Designated Site Supervisor shall also immediately notify HSC.

Company Name

Visitor Log

Name of Visitor (Print)

Health and Safety Meeting

Date Name of Attendee (Print) Company Initials

9.6.1A TOHN LEIGHTON SES

9.6.19 Tosel Pretium

AET

9.6.19 Tosel Pretium

AET

9.6.19 Defendant SES

It is SES's policy that visitors must furnish their own personal protective equipment. All visitors are required to sign the visitor log and comply with Health and Safety Plan requirements. If the visitor represents a regulatory agency concerned with site health and safety issues

Date of Visit

Signature

Sign-off sheet attesting that the HASP has been made available and reviewed by the Individual prior to entry into the site, and/or daily H&S briefing. All personnel participating in the project must receive initial Health and Safety Orientation. Thereafter, a taligate safety meeting is required daily, and as otherwise deemed necessary by the Site Health and Safety Officer. By signing below, an individual certifies that he had read, understood, and will observe the contents of this HASP and Daily Safe Work Form with Pre-Task Planning Form.

Project: BASF Facility Cranston, RI Date (9-6-18-)	DAILY SAFE WORK FORM	SES (Page of)

BA	ject: SF Fac nston, I e (ility DA	AILY SAFE W	ORK FORM	SES (Page of)	
Type	of Fau	ipment/Vehicles/Motorized E				
U	Field Se	ervice Trailer			The state of the s	
1	Excava			Roll-off Tractor Truck		П
	Loader	iois		Roll-off containers		П
0	Track D	0701		Dump Truck/Triaxle		Ι
U	-	er Loader		Dump Trailers		П
T	Frac Ta			Pickup Utility Trucks		П
D	Genera			Sump Pump		П
	Water E		The same of the sa	Trench Box		П
計	Sawzail			NaOH Storage Tank		T
	Jawzan			Other (list) COURACTOR		Ħ
This	work al	so requires the use of the				T
⊠ F	ROJEC	so requires the use of the portion o	ermits or accume	nts checked below		\prod
DI	OCK-OL	JT, TAG-OUT PERMIT				\prod
⊠ P	RE-TAS	K PLANNING FORM				
	ONFINE	D SPACE ENTRY PERMIT				
	THERS	(LIST)				
						Ш
Antie	cipated i	Project Risks and Hazards k	lentification Idon	ntify the source/s used and inclu		Ц
infor	mation (S	ee Daily Pre-Task Plan for da	W-specific informat	ion)	de necessary specific	11
USEC	I N/A	Source	y openio inorniat			Ц
X		Pre-work Inspection of the w	ork site	Specific Risk or Hazard that See SES HASP	needs to be addressed	Щ
X		MSDS review / includes any	'new' chemicals	MSDS Sheets Provided in I	IACD	Ц
	X	Crane Operations	THE STREET	INCOS Sileets Provided in I	HASP	Щ
	X	Elevated Work				Щ
X		Environmental Conditions		See SES HASP		Щ
X		Heavy Powered Mobile Equi	pment Use	Excavators to load soil into	trucks truck to se	#
	X	Language / Communication I	Difficulties		uucks, truck trame	Щ
X		Materials to be used		See Pre-Task Plan		4
	X	Overhead Work / Rigging		Good Floridask Flam		Щ
	Х	Special Equipment to be use	d			#
X		Trenching / Excavation		See SES HASP		₩
	X	Utilities System tie-in / restric	tions			#
X		Other Risks or Hazards		PCB/VOC-contaminated so	ile: Sodium Danulfata	₩
Antic	ipated F	roject Required Precautions	& Protective Me	De since it is	dentified Risk or Hazard is	₩
duche	sseu (c	de Dally Pre-Task Plan for da	y-specific informat	ion)	denuned risk of Hazard is	Ш
MEEG	N/A	Area		Specific measures that are re	nguired	#
X		Access & Egress Plans (Per	ople & Equipment)	To be developed on site wit	th SES work crow	₩
	X	Barricades needed		The state of the s	AFO MOLY CLAM	₩
-	Х	BASF equipment / materials	to be used			₩
	X	Electrical safety equipment	required			₩
	Х	Elevator use				₩
X		Emergency Equipment		See SES HASP		#
X		Emergency Plans / Emerger	ncy Responder	See SES HASP		#
	X	Fall protection				#
Х		First Aid / Medical Treatmen	t provisions	See SES HASP		#
	X	HOT WORK Procedure requ	uirements	TO THE INTERIOR		#
	Х	HVAC System requirements		 		#
	X	LINE-BREAKING procedure				Щ

BAS Crai	ject: SF Faction, ston,	RI DAILY SA	FE WO	VORK FORM SES (Page of _			
	X	Scaffolds / decking					
X		Temporary electrical power		Con OF	S IIIAOI		
	X	Temporary Utilities services		See SE	S MASI		
X		Trench / Excavation Boxes		C 0F	3 114 05		
		Other Requirements		See SES	NASI		
Regu	ured P						
□ P	PE GR	ersonal Protective Equipment (PPE) ide	ntify the so	urce/s u	sed and	d check the appropriate boxes	
YES	NO	ID ☑ MSDS ☐ BASF Knowle	edge [VVOIK	Provide	r Knowledge	
X	1.00			YES	NO	Item	
X		Hardhat (either) ☐ Fiberglass ☒ Plas Safety Glasses, ANZI-rated, side shields	stic		X	Rain Suit	
	X				X	Chemical Suit Jacket Pante	
	X	Goggles	Oust		X	Personal Fall Protection Equipment	
X		111		X		Gloves Chemical Work	
	X	Possind		X		Long sleeve shirt and steel toed boots with steel shank	
	X	Respirator	III-face	Х		Boots ☐ Rubber ☒ Other	
	X	Fire Potendant Florida I Charles			X	Welding Protection	
X	-	Fire Retardant Electrical Clothing Eyewash Station			X	Retrieval System for Confined Spaces	
X		Tyvek Sults		X		Mobile phone or radios	
		Other PPE (list)		Х		Insect repellent, sunscreen	
		(list)		X		High-visibility, reflective vest	
Traini	ng Rec	uirements		-			
Need	N/A	Area					
K C	X	BASF Safety Orientation (if required)					
(10.00	I IVISUS Reviews		-			
(Review of precautions listed above per S	EC HACD				
(Treview of required PPE	LO NASP				
		Other training (specify)					
20.1							

Project: BASF F Cranstoi Date (9	acility n, RI	DAILY SAFE	DAILY SAFE WORK FORM SES (Page of)						
STRATE ENVIRON SERVICE	IMENTAL S	PROJECT / JOB / TAS BASF Cranston/CMI Im	K (Description):	LOCATION: 180 Mill Stre	et,				
	TASK PLAN (PTP)	SES SUPERVISOR: JOHN LE	E (B HTON)	Cranston, RI	9.6.19				
	Check off AND Circ Task 1 - Permitting Task 2 - Mobilizatio Task 3 - Excavation Task 4 - Transporta	le today's activities) n/Site Prep/Road & Decor n/Decontamination/Soil Sto	ntamination Road ock Piling/Loading/	nstallation/Eros	ress, equipment, personnel, rork conditions, client interfac- sion Controls ng/Liquid Management				
Tasks, Pot Today's Activities (Check Each)	ential Hazards, and	Recommended Actions of			. Hazard Controls Mechani				
J	3	Chemical Hazards			and/or JSA (See HASP)				
Z	3,4,5	Dust/Fumes/Particulates	NAC Low Medi		B1 Chemical: JSA 10				
	3,4,5,6	Job Zone Control	NA□ Low□ Media		B2 Dust: JSAs 1,2,4,5,6				
	3,4,5,6	Heat	NA Low Media		B3 Job Zone Control; All JSA				
]	3,4,5,6	Cold	NA□ Low□ Medic		B4 Heat: All JSAs				
	1,3,4,5,6	Severe Weather	NA Low Medic	IMM HIGH	B5 Cold; All JSAs				
7	3,4,5,6		NA Low Mediu		B6 Severe Weather: All JSAs				
		Walking/Working Surfaces	NA Low Mediu	m⊠ High□	B7 Safe Walking Surfaces an				
	4,5,6	Noise	NA Low Mediu	mod Laborator	Work Areas: JSA 1,3,4,7				
	5,6	Live Electrical Equipment	NA□ Low⊠ Mediu		B8 Noise: All JSA's B14 Live Electrical Equip: JSA				
	4,5	Poor Lighting	NA□ Low⊠ Mediu	mo High	B7 Safe Walking Surfaces and				
	4,5,6	Overhead Hazards	NA□ Low⊠ Mediqi		B15 Overhead Hazards: ISA				
	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA Low Mediur		2,5,6 B17 Traffic Management; All JSA				
	5,6	Heavy machinery/drill rigs	NA□ Low□ Mediun	ON PROPERTY.	Disc.				
	5,6	Trenching/Excavation	NA⊠ Low□ Mediun		B18 Heavy Machinery: JSA 4,1 B19 Trenching/Excavation: JSA				
	1,3,4,5,6	Vehicle use	NATI LOWER Made		4,3,6,8				
	2,3		NA□ Low⊠ Medium		B20 Vehicle Use: All JSA B21 Work Near/On Water: JSA				
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium	O HOND	1 B22 Working from Heights (<4 feet)				

B23 Working from Heights feet) B24 Overhead/Underground utilities B24 Overhead/Underground utilities B24 Overhead/Underground utilities B25 Electrically Powered hand tools B25 Electrically Powered B26 Cutting Devices/Tools B27 Material Handling, ergonomics B29 Material Handling/Ergonomics B29 Material Handling/Ergonomics B29 Material Handling/Ergonomics B27 Material Handling/Ergonomics B27 Material Handling/Ergonomics B27 Material Handling/Ergonomics B28 Polsonous/Ergonomics B28 Polsonous Plants B28 Polsonous Plants B29 Polsonous Plants B	B23 Working from Heights feet) B24 Overhead/Underground utilities B24 Overhead/Underground utilities B24 Overhead/Underground utilities B25 Electrically Powered hand tools B25 Electrically Powered B26 Cutting Devices/Tools B27 Material B28 Material B29 Ma	Service Serv	Crans	Facility ton, RI 9.6-19)	DAILY SAFE	WORK FORM	SES (Page of)
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4,5,6 Powered hand tools A,5,6 Electrically powered equipment 4,5,6 Cutting devices/tools A,5,6 Drums, cylinders, containers A,5,6 Material handling, ergonomics A,5,6 A,5,6 Material handling, ergonomics A,5,6 A,5,6 Poisonous/irritating plants A,5,6 Insects/rodents/snakes A,5,6 Ticks, mosquitos MAD Low Medium M	4,5,6 Powered hand tools ALS CONTROL LOWE Medium B25 Electrically Powered Equipment and Tools: JSA 1,3,4 Electrically powered equipment Low Medium B25 Electrically Powered Equipment and Tools: JSA 4,5,6 Low Medium B26 Cutting Devices/Tools B27 Material Handling, ergonomics B29 Material Handling/Ergonomics B29 Material Handling/Ergonomics: JSA 2,6,7,9 3,4,5,6 Poisonous/irritating plants Low Medium Handling B29 Plants and Animals: Ali JSAs B32 Plants and Animals: Ali JSAs B33 Plants and Animals: Ali JSAs B34 Personal Safety: Ali JSAs B34 Personal Saf	4,5,6 Powered hand tools A,5,6 Electrically powered equipment 4,5,6 Cutting devices/tools A,5,6 Cutting devices/tools A,5,6 Drums, cylinders, containers A,5,6 Material handling, ergonomics A,5,6 Material handling, ergonomics A,5,6 Poisonous/irritating plants A,5,6 Insects/rodents/snakes A,5,6 Ticks, mosquitos MAC Low Medium		5,6	Overhead/underground		reet)
4,5,6 Electrically powered equipment Low Medium Hob B25 Electrically Powered Equipment and Tools: JSA	4,5,6 Electrically powered equipment 4,5,6 Cutting devices/tools A,5,6 Cutting devices/tools A,5,6 Cutting devices/tools A,5,6 Drums, cylinders, containers Containers A,5,6 Material handling, ergonomics A,5,6 Poisonous/irritating plants A,5,6 Poisonous/irritating plants A,5,6 Insects/rodents/snakes A,5,6 Ticks, mosquitos A,5,6 Ticks, mosquitos A,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks of the procedures/Equipment: A,5,6 Equipment and Tools: JSA B25 Electrically Powered Equipment and Tools: JSA B26 Cutting Devices/Tools B27 Cutting Devices/Tools B28 Cutting Devices/Tools B1 Chemical: JSA 4 B1 Chemical: JSA 4 B29 Material Handling/Ergonomics: JSA 2,6,7,9 B32 Plants and Animals: Ali JSAs B32 Plants and Animals: Ali JSAs B32 Plants and Animals; Ali JSAs B34 Personal Safety; Ali JSA Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks B34 Personal Safety; Ali JSA Rociption of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	4,5,6 Electrically powered equipment Low Medium Hoto B25 Electrically Powered Equipment and Tools: JSA	D/	4,5,6	Powered hand tools		Ouncies: JSA 1,3,4
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4,5,6 Insects/rodents/snakes NA□ Low図 Medium□ High□ B32 Plants and Animals; Al JSAs	4,5,6 Insects/rodents/snakes NA Low Medium Hoh B32 Plants and Animals; Al JSAs	A,5,6 Insects/rodents/snakes NA Low Medium Hoh B32 Plants and Animals; Al JSAs	1	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ Now□	Handling/Ergonomics: JSA 2,6,7,9
3,5,6 Ticks, mosquitos Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking. Scription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	3,5,6 Ticks, mosquitos Low Medium High B32 Poisonous Plants, Animals, and Insects; All JS Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking. Cription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	3,5,6 Ticks, mosquitos Indicate Low Medium Dight B32 Poisonous Plants, Animals, and Insects; All JS/ Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking. Scription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	7	4,5,6	Insects/rodents/snakes		JSAS
Animals, and Insects; All JS	Animals, and Insects; All JS	Animals, and Insects; All JS			Ticks, mosquitos		JSAS
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SES COORDINATE AND LANGE TO COMPACTOR	Once H >> precuusions.	District Contract H 1 > pre Caustrons.	Criptio	n of Any Additional A	ctivities, And Associated Health	and Safety Risks and Protective	

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9-6-19	JOHN LEIGHTON	SES	6:00 AN	16:30
9/6/19	Joseph Drebaum	AEI .	07:00	(6:30
7/6/19	Aaron Ting	AE	0735	1115
1/6/19	Agran Ting Oglan Condgra	CEC	745	10:40
9/6/19	Bob Haddook	SES	800	8:47
9/6/19	Ryan Gadoury	SES	8:20	8:49
9/4/19		Sallivan Tire	10:30	11:00
	•			
	•	,		

DAILY PROJECT REPORT Project: BASF, Lot 1102 Submitted By: Richard Kowalski 180 Mill Street Signature: Cranston, RI Date: 9/9/2019 Daily Weather: Sunny Precipitation: 0" Temp: 60 - 78 F (Hi - low) PERSONNEL/EQUIPMENT Contractor Owner/Representative: No. Superintendent 1 Foremen H&S/QA Officer AEI Personnel: R. Kowalski 1 Operators 1 Laborers Other Trades SubContractor No. Company/Firm Visitors On Site: 1 Thielsch Eng 5 Total personnel on site MAJOR EQUIPMENT: **EQUIPMENT/MATERIALS RECEIVED:** Skidsteer T590 United G25 T45 Generator Topsoil (15 loads) Mini CAT E351 318 cy Dozer Cat D5K Bioretention soils (1 load) Roller Dyna Pac 5 25 cy Roll-off Container (for CEC drill cuttings) WORK COMPLETED: SES spread topsoil starting in SW corner of site. Stone dust pathways were marked out per the plan. Thielsch on site to measure density of compacted soils. All measurements were greater than 95%. Dan Regan dropped off one length of steel pipe to see if it would fit over existing standpipes. I noted that it will after cutting off locking points on existing casings. **HEALTH & SAFETY:** Morning tailgate meeting to discuss safety topics, which included: biological hazards (ticks), use of hard hats, location of AEI HASP, truck traffic during deliveries. AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today and verifies, by signing below that these documents comply with the procedures and content of SES's HASP. Signature: ISSUES/CHANGES/RESOLUTIONS: DISCUSSIONS/CLIENT DIRECTION:

STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road

Sutton, Massachusetts 01590 Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9-4-19					Project Number: 18-0122			
MONDALI							10-0/2 2	
CLIENT / SITE INFORMA								
Name: BASE A	٤١							
Address: 160 M								
CRANS		1						
Contact:								
PROJECTS NOTES	mal R	, v	CAI		V	NETT.		
PERFORMEN TONA	u R.	T	0131	CA	41	DA	T SOIL DEDSITY TESTING	
CORNER ASSIST	ED 12	BT	161	1/	2016	PLACE	NA - SOIL DENSITY TESTING TOP SOIL IN SOUTH WEST LAY OUT.	
103631	ESP 10	1	1/0	w	ALL	-WAY	LAY OUT,	
LABOR						MATERI	(ALS / FOLUDATENT / TOOLS	
Name	Position	Travel	On-cita	Off Site	Toward		ALS / EQUIPMENT / TOOLS	
JASON OLIVIER Super 0500 0600 1600					Quantity	Item / Description		
JOHN LEIGHTON GERATOR 0600 1600					2	PPE Level: A B C		
BRANDON SLANEY			100				SERVICE TRUCT	
PALL POPP JCHOE	TECH		0 00	1500		<u> </u>	DOZER DSK	
						1	EXCAUATOR E35I	
						-	BOB CAT TS96	
					- 1	BENARATOR 625		
SUBCONTRACTORS						-	OFFICE TRAILER TOILET CONV	
						λ.	LASER	
							HAND TOOLS	
	218	1:	2					
15 LOADS Q	318	ja			-			
0:000000				_				
BIORETENTION	MADE	ERI	4_	FRO	u-			
MCINTYRE LOY	in, D	NC	•		_			
1 - 2 - 13								
LOAD @ 25	yd s			_				
WEATHER ORGERVATION	15 3.1h				_			
WEATHER OBSERVATION	15 75%		HUM	D,		Project Mana	ger's Signature:	
Sowie						. rojectiviana	ger's bignature:	
<u> </u>						Client's Signa	ature:	

roject:
BASF Facility
Cranston, RI
Date (4.9.19)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Servicing or	Maintenance Wo	ork Description			
		ementation Project			1
Start Date / T	ime: (Date) (Time	060.99-19			
Location of Work	180 Mill Street, C	Cranston, RI			
		(050)			
	vironmental Serv				
	Company Name:				
Contact Pers	on: JASON C	L-308C			
Contact prior	16# P-06-21	0.3404			
Sign-off sheet briefing. All pe required <u>daily</u> ,	attesting that the HAS rsonnel participating and as otherwise dee	(HASP) Signatures Phas been made available and in the project must receive initioned necessary by the Site Hea the contents of this HASP and D	al Health and Safety Orientation	n. Thereafter, a tallgate safety ing below, an individual certific	meeting is
Health and	Safety Meeting				
Date	Name of Atte		Company	Initials	2.
9-9-19	JASON (SES	90	
9-9-19		LEIGHTON	SES	12	
9.9.19	Brandon	Karals/a	SES	125	
9-9-19	Susta Bu	Kargl SIG	THIELSCH	ne green	
14 4 14	July Dr	PQV .	YATE SCH	100	
	_				
-					
Visitor Log					
It is SES's poli comply with H	ealth and Safety Plan	furnish their own personal prot requirements. If the visitor repi Il also immediately notify HSC.			
Name of Visitor (Print)		Company Name	Date of Visit	Signature	
				-	
		-		-	
		+		+	
			_		1 1

Project: BASF Facility Cranston, RI Date (9-9-19)	DAILY SAFE WORK FORM	SES (Page of)

Project:
BASF Facility
Cranston, RI
Date (9-9-19)

DAILY SAFE WORK FORM

SE	ES	
Page _	_ of _	_)

	ston, i		2 *************************************					
Type	of Equ	ipment/Vehicles/Motorized Equipment	t/Vehicles/Motorized Equipment					
GT	Field Se	ervice Trailer	Roll-off Tractor Truck					
-	Excava		Roll-off containers					
	Loader		Dump Truck/Triaxle					
0	Track D		Dump Trailers					
0	Skid Ste	eer Loader	Pickup Utility Trucks					
	Frac Ta		Sump Pump					
9	Genera		Trench Box					
	Water E		NaOH Storage Tank					
	Sawzail		Other (list) ROLLER DYNASAC 5					
			Logici (100) TOCCEL DINIBARC O					
This	work al	so requires the use of the permits or docur	nents checked below					
N PI	ROJEC	T-SPECIFIC HASP						
		JT, TAG-OUT PERMIT						
		SK PLANNING FORM						
□ C	ONFINE	ED SPACE ENTRY PERMIT						
	THERS	(LIST)						
Antic	ipated	Project Risks and Hazards Identification Id	entify the source/s used and include necessary specific					
HHOIM	iauon je	see Daily Pre-Task Plan for day-specific inform	ation)					
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed					
X		Pre-work Inspection of the work site	See SES HASP					
^	X	MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP					
	X	Crane Operations						
Х	^	Elevated Work						
X	-	Environmental Conditions	See SES HASP					
^	X	Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic					
X	^_	Language / Communication Difficulties Materials to be used						
	X	Overhead Work / Rigging	See Pre-Task Plan					
	X	Special Equipment to be used						
X	-	Trenching / Excavation	0.050.005					
	X	Utilities System tie-in / restrictions	See SES HASP					
X		Other Risks or Hazards	DODA/OO / I I I I					
	pated F	Project Required Precautions & Protective	PCB/VOC-contaminated soils; Sodium Persulfate					
addres	ssed (S	See Daily Pre-Task Plan for day-specific inform	Measures Be sure that each identified Risk or Hazard is					
Need	N/A	Area						
X		Access & Egress Plans (People & Equipme	Specific measures that are required nt) To be developed on site with SES work crew					
	X	Barricades needed	10 be developed on site with SES work crew					
	X	BASF equipment / materials to be used						
	X	Electrical safety equipment required						
	X	Elevator use						
X		Emergency Equipment	See SES HASP					
X		Emergency Plans / Emergency Responder	See SES HASP					
	X	Fall protection	GUG GEG FIMOF					
X	-	First Aid / Medical Treatment provisions	San SES HASD					
	X	HOT WORK Procedure requirements	See SES HASP					
	X	HVAC System requirements						
	X	LINE-BREAKING procedure requirements						
	41.77	The state of the s						

BAS Crar	ject: SF Faction, ston,	RI DAILY SAFE	DAILY SAFE WORK FORM					
	X	Scaffolds / decking						
X	1	Temporary electrical power						
	X	Temporary Utilities services	- 3	See SE	S HASI	9		
X		Trench / Excavation Boxes						
		Other Requirements		See SE	S HASI			
Requ	ired P PE GR	ersonal Protective Equipment (PPE) Identify ID MSDS BASF Knowledge	the sou	rce/s u	sed and	d check the appropriate boxes		
YES	NO	ITEM		YES	Provide	er Knowledge		
X		Hardhat (either) ☐ Fiberglass ☒ Plastic	-	TES	NO	Item		
X		Safety Glasses, ANZI-rated, side shields			X	Rain Suit		
	X	Goggles ☐ Chemical ☐ Dust			X	Chemical Suit ☐ Jacket ☐ Pants		
	X	Faceshield		X	Α	Personal Fall Protection Equipment		
X		Hearing Protection ⊠ Plugs ☐ Muffs		X	-	Gloves ⊠ Chemical □ Work		
	x	Device		^		Long sleeve shirt and steel toed boots with steel shank		
	X	Respirator	ice	X		Boots □ Rubber ☒ Other		
	X				X	Welding Protection		
Х	**	Fire Retardant Electrical Clothing Eyewash Station			X	Retrieval System for Confined Spaces		
X		Tyvek Suits		X		Mobile phone or radios		
	P	Other PPE (list)		X		Insect repellent, sunscreen		
	5	and the (not)	- 1	X		High-visibility, reflective vest		
Traini	ng Rec	uirements						
Need	N/A	Area						
X		BASF Safety Orientation (if required)						
(Victoria.	MSDS Reviews						
(Review of precautions listed above per SES	HACD					
(Review of required PPE	TIASP					
		Other training (specify) –						

Project: BASF Facil Cranston, R Date (역세-	1		DAILY SAFE W	ORK FOR	RM	(Paç	SES ge of)	
STRATEGIC ENVIRONME SERVICES			OJECT / JOB / TASK (I SF Cranston/CMI Imple		LOCATION: 180 Mill Street, Cranston, RI		DATE 9-9-19	
	SK PLAN TP)) SE	S SUPERVISOR: LASON OC, UI EN					
weather, issue	es encounter	ed and re	completed daily (see attacesolution, health and safet					
			oday's activities)					
	ask 1 - Perm		Site Pren/Pood & Poposto	mination Pood	Installation/Eracia	n Control		
			Site Prep/Road & Deconta econtamination/Soil Stock					
			n and Disposal of Contam			reduid 141	anagoment	
	tial Hazards	s, and Re	commended Actions or	Procedures		, ,,-,,		
Today's Activities (Check Each)	Task Num	iber(s)	Hazards	Relative Haza	ard /Risk Rating*		ontrols Mechanism r JSA (See HASP)	
	3	· · · · · · · · · · · · · · · · · · ·	Chemical Hazards	NA Low Me	edium 🛭 High 🗆	B1 Chemi	cal: JSA 10	
P	3,4,5		Dust/Fumes/Particulates	NA Low Me	edium⊠ High □	B2 Dust:	JSAs 1,2,4,5,6	
	3,4,5,6		Job Zone Control	NA Low Me		<u> </u>	ne Control; All JSAs	
	3,4,5,6	· — · · · · · · · · · · · · · · · · · ·	Heat	NA Low Me		B4 Heat:		
	3,4,5,6		Cold	NA Low Me	edium⊠ High□	B5 Cold;	All JSAs	
	1,3,4,5,6		Severe Weather	NA LOW ME		B6 Sever	Weather: All JSAs	
P	3,4,5,6		Walking/Working Surfaces	NA□ Low□ Me	edium⊠ High □		Valking Surfaces and as: JSA 1,3,4,7	
B	4,5,6		Noise	NA Low Me	edium⊠ High □	B8 Noise:	All JSA's	
	5,6		Live Electrical Equipment	NA□ Low⊠ Me		B14 Live 5,6,9	Electrical Equip: JSA	
	4,5		Poor Lighting		edium High	Work Are	Valking Surfaces and as; JSA 1,3,4,7	
	4,5,6		Overhead Hazards	NA Low⊠ Me	edium High	B15 Over 2,5,6	head Hazards: JSA	
B	3,4,5,6	;	Traffic Management (Vehicle, pedestrian interference)	NA Low Me	edium 🛭 High 🗆	<u> </u>	ic Management: All	
Ø	5,6		Heavy machinery/drill rigs	NA LOW ME	edium⊠ High ⊡	B18 Heav	y Machinery: JSA 4,5	
	5,6		Trenching/Excavation	NA⊠ Low□ Me	edium⊠ (figh	B19 Tren 4,5,6,8	ching/Excavation:JSA	
Ø	1,3,4,5,6		Vehicle use	NA LOW M	edium 🗆 High 🗆	B20 Vehic	cle Use: All JSA	
0	2,3		Work near/on water	NA⊠ Low□ Me	edium 🗆 🗟 🖂	B21 Work	Near/On Water: JSA	
	4,5	·····	Elevated heights (<4ft)	NA□ Low⊠ Me	edium 🗆 High 🗆	B22 Work feet)	king from Heights (<4	

4,5 Elevated heights (>4ft) NA Low Medium High B23 Working from Heights feet) 5,6 Overhead/underground utilities NA Low Medium High B24 Overhead/Underground utilities SA 1,3,4 4,5,6 Powered hand tools NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 4,5,6 Electrically powered equipment NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 4,5,6 Cutting devices/tools NA Low Medium High B26 Cutting Devices/Tools JSA 9 4,5 Drums, cylinders, containers NA Low Medium High B26 Cutting Devices/Tools JSA 9 3,4,5,6 Material handling, ergonomics NA Low Medium High B29 Material Handling/Ergonomics: JSA 3,5,6 Poisonous/irritating plants NA Low Medium High B32 Plants and Animals: All JSAs 4,5,6 Insects/rodents/snakes NA Low Medium High B32 Plants and Animals: All JSAs 3,5,6 Ticks, mosquitos NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All JSAs 1,3,4,5,6 Employees working NA Low Medium High B34 Personal Safety; All JSA Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks Scription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	7	SES (Page	FORM	, RI	Project: BASF Facility Cranston, RI Date (9 - 9 - 19		
S,6 Overhead/underground utilities NA Low Medium High B24 Overhead/Underground Utilities JSA 1,3,4	m Heights	B23 Working from	/⊠ Medium□ High□	NA Low	ated heights (>4ft)	4,5	4,
4,5,6 Powered hand tools NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 4,5,6 Electrically powered equipment NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 4,5,6 Cutting devices/tools NA Low Medium High B26 Cutting Devices/Tools JSA 9 B1 Chemical: JSA 4 3,4,5,6 Material handling, ergonomics NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9 3,5,6 Poisonous/irritating plants NA Low Medium High B32 Plants and Animals: All JSAs 4,5,6 Insects/rodents/snakes NA Low Medium High B32 Plants and Animals: All JSAs 3,5,6 Ticks, mosquitos NA Low Medium High B32 Plants and Animals: All JSAs NA Low Medium High B34 Personal Safety; All JSA NA Low Medium High B34 Personal Safety; All JSA NA Low Medium High B34 Personal Safety; All JSA NA Low Medium High B34 Personal Safety; All JSA Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	Indergroup	B24 Overhead/Un	r□ Medium⊠ High□	NA Low	head/underground		5,0
4,5,6 Electrically powered equipment A,5,6 Cutting devices/tools NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA B26 Cutting Devices/Tools JSA 9 B26 Cutting Devices/Tools JSA 9 B1 Chemical: JSA 4 3,4,5,6 Material handling, ergonomics NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9 B32 Plants and Animals: All JSAs 4,5,6 Insects/rodents/snakes NA Low Medium High B32 Plants and Animals: All JSAs 3,5,6 Ticks, mosquitos NA Low Medium High B32 Plants and Animals: All JSAs 1,3,4,5,6 Employees working early/late NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B34 Personal Safety; All JSAs NA Low Medium High B35 Electrically Powered Equipment and Tools: JSA B2S Electrically Powered Equipment and Tools: JSA B2 Powered B25 Electrically Powered Equipment and Tools: JSA B25 Electrically Powered Equipment and Tools SA B25 Electrically Powered Equipment Animals Powered Equipment Animals Powered Powered Powered Powered Powered Powered Powered Powered Powered	,4	Utilities: JSA 1,3,4	⊠ Medium□ High□	NA Low		4 = 4	4,
4,5,6 Cutting devices/tools NA Low Medium High B26 Cutting Devices/Tools JSA 9 4,5 Drums, cylinders, containers NA Low Medium High B29 Material: JSA 4 B29 Material Handling/Ergonomics: JSA 3,4,5,6 Material handling, ergonomics NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9 B32 Plants and Animals: All JSAs 4,5,6 Insects/rodents/snakes NA Low Medium High B32 Plants and Animals: All JSAs 3,5,6 Ticks, mosquitos NA Low Medium High B32 Plants and Animals: All JSAs 3,5,6 Ticks, mosquitos NA Low Medium High B32 Plants and Animals; All JSAs 1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.	Tools: JSA	Equipment and To			ically powered		4,5
3,4,5,6 Material handling, ergonomics NA Low Medium High B1 Chemical: JSA 4	ools: JSA	Equipment and To	□ Medium⊠ High□	NA Low		AFC	4
3,4,5,6 Material handling, ergonomics NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9 3,5,6 Poisonous/irritating plants NA Low Medium High B32 Plants and Animals: Al JSAs 4,5,6 Insects/rodents/snakes NA Low Medium High B32 Plants and Animals; All JSAs 3,5,6 Ticks, mosquitos NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All JSA 1,3,4,5,6 Employees working early/late NA Low Medium High B34 Personal Safety; All JSA Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks		35A 9	⊠ Medium□ High□	NA□ Low⊠	s, cylinders, iners	10	
Poisonous/irritating plants NA Low Medium High B32 Plants and Animals: All JSAs 1,3,4,5,6 Insects/rodents/snakes NA Low Medium High B32 Plants and Animals; All JSAs NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All JSAs 1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks		B29 Material Handling/Ergonom	□ Medium⊠ High□	NA Low	ial handling.	3,4,5,6	
4,5,6 Insects/rodents/snakes NA□ Low⊠ Medium□ High□ B32 Plants and Animals; All JSAs Ticks, mosquitos NA□ Low⊠ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JSA 1,3,4,5,6 Employees working early/late Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		B32 Plants and Ani	Medium□ High□	NA□ Low⊠	ous/irritating plants		
Ticks, mosquitos NA□ Low⊠ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JSA 1,3,4,5,6 Employees working early/late Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		B32 Plants and Anii	Medium□ High□	NA□ Low⊠	s/rodents/snakes		
early/late Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking. B34 Personal Safety; All JSA evaluated as the overall ranking.	inte	B32 Poisonous Plan	Medium□ High□	NA□ Low⊠		100	
	tu. All 1CA	B34 Personal Safety	l Medium□ High□	NA□ Low⊠	ate	lea	
	=				200		

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9.9.19	JOHN LEIGHTON	5 8 5	6:00	4:00
9.9.19	JASON DHUER	SES	6:00	4:00
9 9-19	Branden Sleney	SES	7.00	3:00
9.9.19	Rick Kowalski	AE1	7:00	3150
9 9 19	Just Burnett	THIELSCH	7:15	8:07



Photo 1: Stone construction traction pad installed at entrance gate to site (facing east).



Photo 3: Stone dust pathway to Mill Street marked with orange paint for staking along western side of site (facing west).



Photo 2: Stockpiles of topsoil just delivered at southwest corner of site (facing south).



Photo 4: Additional stockpiles of topsoil just delivered at southwest corner of site (facing south).





Photo 5: Grading of topsoil at the southwest corner of the site (facing south).



Photo 6: Grading of topsoil at the southwest corner of the site (facing east).



DAILY PROJECT REPORT Project: BASF, Lot 1102 Submitted By: Geoff Gerace 180 Mill Street Signature: Cranston, RI 9/10/2019 Date: _ Daily Weather: Precipitation: 0.0" Temp: 73-56 (Hi - low) PERSONNEL/EQUIPMENT Contractor Owner/Representative: Superintendent 1 Foremen H&S/QA Officer AEI Personnel: Geoff Gerace 1 Operators SES Joe Drebaum 1 1 Laborers Other Trades (Surveyor) SubContractor No. Company/Firm Visitors On Site: 5 Total Personnel On Site MAJOR EQUIPMENT: **EQUIPMENT/MATERIALS RECEIVED:** Skidsteer T590 United G25 T45 Generator Gravel Burrow (2 deliverie: 72.2 tons-Mini CAT E35i BioRetention Soil (1 Delivery) 25 yds Dozer CAT D5K Loam (10 Deliveries) 272 yards Roller Dyna PAC 5 Stone Dust (1 Delivery) 35K lbs Roll off Container (Next week drill cuttings) 3/4" Stone (2 deliveries WORK COMPLETED: SES has loam being deleivered throughout the day. Workers on site begin spreading BIO Material on NW corner detention pond area. SES has questions on how much to scale do they need to follow the plans, about placement of soil in this area. Was told to only put bio material above area spread w/ 3/8" stone. Workers continue to spread loam on the northern edge of the property, throughout the day. Delivery of loam continues throughout the day. **HEALTH & SAFETY:** AEI has reviewed SES's safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP." **AEI Signature** ISSUES/CHANGES/RESOLUTIONS: N/A

DISCUSSIONS/CLIENT DIRECTION:	
N/A	

STRATEGIC ENV RONMENTAL SERVICES, INC. 362 Putnam Hill I oad Sutton, Massachu etts o 590 Office: (508) 757.7782 Fax: (508) 363.23-6 www.strategic-es.com



DAILY WORKSHEET

Date: 9-10	Project Number: 18-01で2
TUIZSDAY	
CLIENT / SITE INFORMATION	
Name: BASF/AEI	
Address: 160 MILL 57	
CRANSTON RI	
Contact:	
PROJECTS NOTES TOOL BOX SAFETY ME	ETING - CONTINUE PLACEMENT OF
TopSoil	
- opore	
LABOR	MATERIALS / EQUIPMENT / TOOLS
Name Position Travel On-site Off-Site Travel	Quantity Item / Description
JASON OLIVIET Super OFON OFON 4:00 5	3 PPE Level: A B C 🕏
JOHN KEIGHTON OPERMON DERO 4:30	1 SERVICE TRUCK
BRAMON SECREY FIT 020 3.00	1 DOZER SK
	1 EXCAUATOR £352
	1 BOS CAT T590
	1 ROCLER PYMAPACS
	1 GENARATOR 625
	1 OPEFICE TRAILER, TOILET, CON X BOX
SUBCONTRACTORS	1 CASER
	1 HAND TOOLS
16 Loppe Top Soils 440 yd3	
I LOAD STOUR DUST.	
L POHD 2 1908 FORST	
MACEDIAL SAID + STAIR PORP	
MATERIAL SAND + STONE CORP.; A LOADS 3/4 CRUSHED STONE:	
71.24 Tops	
1005	
WEATHER OBSERVATIONS 75 F Supply	
	Project Manager's Signature:
	Client's Signature:

	roject:
- [BASF Facility
(Cranston, RI
	Date (9 · 10 · 19)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Date (9 - 10 -19)					
TUESDA	y				
Servicing or Ma	intenance Wor	k Description			
		nentation Project			
Start Date / Time			И		
	0 Mill Street, Cr				
Strategic Enviro	onmental Servi	ces, Inc. (SES)			
Primary/Lead Co	mpany Name: 9	SES			
Contact Person:					-
Contact phone #	·				
					-++
Sign-off sheet atter briefing. All person required dally, and	sting that the HASF mel participating in as otherwise deen and will observe th	the project must receive initined necessary by the Site Hea	ial Health and Safety Orientation	or to entry into the site, and/or dail n. Thereafter, a tailgate safety mee ng below, an individual certifies th ask Planning Form.	ting is
Date	Name of Atter	ndee (Print)	Company	Initials	
91019		OLIVER	555	3-0	
9.10.19		E 16 HTON	555	194	
9-10-19	Brezelan	Skar	SES	BI	
9 10 19	Jaseps	Dieban	NET	5/	
9 10 19	Gent 1		AEI	66	
			`		
	1				
2/7-741					
comply with Healt	h and Safety Plan	urnish their own personal pro requirements. If the visitor rep also immediately notify HSC	presents a regulatory agency co	re required to sign the visitor log neerned with site health and safet	and ly issues,
Name of Visitor		Company Name	Date of Visit	Signature	

Project: BASF Facility Cranston, RI Date (9 10 19)	DAILY SAFE WORK FORM	SES (Page of)

Project:
BASF Facility
Cranston, RI
Date (9.10.19)

DAILY SAFE WORK FORM

SE	ES
(Page_	_ of

Date	19:10.	(4)		
Type	of Equip	oment/Vehicles/Motorized Equipment		
		vice Trailer	Rol	I-off Tractor Truck
-	Excavato			l-off containers
	oader		-	np Truck/Triaxle
	Track Do			mp Trailers
		er Loader		kup Utility Trucks
the same of the sa	Frac Tan		_	mp Pump
	Generato			nch Box
CONTRACTOR OF THE PARTY OF THE	Water Bu		-	OH Storage Tank
-	Sawzail			ner (list) LOWPACTER
	CHIVELIN	The state of the s	T Ou	ist (iist) OB WITH CLERK
This	work als	o requires the use of the permits or docu	ment	checked below
		-SPECIFIC HASP	1110110	onconed below
-		T, TAG-OUT PERMIT		
		C PLANNING FORM		
		D SPACE ENTRY PERMIT		
-	THERS			
Antic	ipated F	Project Risks and Hazards Identification	dentif	y the source/s used and include necessary specific
inforn	nation (S	ee Daily Pre-Task Plan for day-specific infor	mation	1)
Used		Source		Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	(1	See SES HASP
X		MSDS review / includes any 'new' chemical	ls	MSDS Sheets Provided in HASP
	X	Crane Operations		
	X	Elevated Work	-	
X		Environmental Conditions		See SES HASP
X		Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties		
X		Materials to be used		See Pre-Task Plan
	X	Overhead Work / Rigging		
	Х	Special Equipment to be used		
х		Trenching / Excavation		See SES HASP
i	X	Utilities System tie-in / restrictions		
X		Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate
		roject Required Precautions & Protective		
		See Daily Pre-Task Plan for day-specific info		
Need		Area		Specific measures that are required
X		Access & Egress Plans (People & Equipm	nent)	To be developed on site with SES work crew
	Х	Barricades needed		
	X	BASF equipment / materials to be used		
	Х	Electrical safety equipment required		
	Х	Elevator use		
X		Emergency Equipment		See SES HASP
X		Emergency Plans / Emergency Responde	er	See SES HASP
	X	Fall protection		
X		First Ald / Medical Treatment provisions		See SES HASP
	Х	HOT WORK Procedure requirements		
	X	HVAC System requirements		
***************************************	Х	LINE-BREAKING procedure requirements	S	
h				

Project: BASF Facility Cranston, RI Date ((100)		RI DAILY SAFE V	DAILY SAFE WORK FORM SES (Page _ of _)						
	X	Scaffolds / decking	- T						
X	Temporary electrical power		· ·	See SES HASP					
	X	Temporary Utilities services	_		J 11/40				
X		Trench / Excavation Boxes	5	ee SES	S LIACE				
		Other Requirements		OC OF	J TIMOI				
Requ PF YES	red Pe E GRI NO	rsonal Protective Equipment (PPE) Identify the D ⊠ MSDS □ BASF Knowledge	ne sou	VVOIK	Provide	d check the appropriate boxes er Knowledge			
X	140			YES	NO	Item			
X		Hardhat (either) ☐ Fiberglass ☒ Plastic			X	Rain Suit			
	X	Safety Glasses, ANZI-rated, side shields Goggles			X	Chemical Suit ☐ Jacket ☐ Pants			
	X	Goggles ☐ Chemical ☐ Dust Faceshield			Х	Personal Fall Protection Equipment			
X				Х		Gloves ⊠ Chemical □ Work			
	Х	-		X		Long sleeve shirt and steel toed boots with steel shank			
	X	Respirator Half-mask Full-face Dust Mask	9	Х		Boots ☐ Rubber ☒ Other			
	X				X	Welding Protection			
X		Fire Retardant Electrical Clothing Eyewash Station			X	Retrieval System for Confined Spaces			
X		Tyvek Suits		X		Mobile phone or radios			
		Other PPE (list)	\perp	χ		Insect repellent, sunscreen			
		Other FFE (list)		Х		High-visibility, reflective vest			
Trainle	na Reo	uirements		-					
Need	N/A	Area		i					
X		BASF Safety Orientation (if required)							
(MSDS Reviews							
(Review of precautions listed above per SES H	IACD						
Κ.		Review of required PPE	MOP						
		Other training (specify) -							
		2.07							

Project: BASF Fa	cility					SES
Cranston, Date (4)	RI	DAILY SAFE WORK FORM (Page				ge of)
STRATEG	ic I	PROJECT / JOB / TASK	(Description)	LOCATION		
ENVIRONN SERVICES		BASF Cranston/CMI Impl	ementation	LOCATION: 180 Mill Street, Cranston, RI		9.10.19
PRE-T	ASK PLAN	SES SUPERVISOR:	***************************************	1 orangeon, rei		
(PTP)	TASON OLIU	ER			
	and an analysis of the	are completed daily (see atta nd resolution, health and safe	ached), docume ety actions/issue	nting work progreses, changes in wo	ss, equipm	ent, personnel, ns, client interface
Task List (C	Check off AND Circ	cle today's activities)				
	Task 1 - Permitting					***************************************
	Task 2 - Mobilizatio	on/Site Prep/Road & Deconta	amination Road	Installation/Erosic	on Controls	3
- Interior and the second	rask 5 - Excavallo	in/Decontamination/Soil Stoc	k Plling/Loading	/ISCO/Dewatering	g/Liquid M	anagement
	Task 5 - Backfilling	ation and Disposal of Contan a and Grading/Geotextile and	ninated Materia			
	Task 6 - Demobiliza	ation	vegetation Pla	cement		
Tasks, Pote	intial Hazards, and	Recommended Actions of	Procedures			
Today's Activities (Check Each)	Task Number(s		Relative Hazard /Risk Rating*		Hazard Controls Mechanis and/or JSA (See HASP)	
	3	Chemical Hazards	MAD Low Mer	dium⊠ Higri□	B1 Chemical: JSA 10	
02/	3,4,5	Dust/Fumes/Particulates	NA Low Me		B2 Dust: JSAs 1,2,4,5,6	
	3,4,5,6	Job Zone Control	NA Low Me			ne Control; All JSAs
0/	3,4,5,6	Heat	NA Low Med	dium⊠ High□	B4 Heat: /	
	3,4,5,6	Cold	NA Low Med	dium Mon	B5 Cold; A	
	1,3,4,5,6	Severe Weather ,	NA Low Med			Weather: All JSAs
Ø	3,4,5,6	Walking/Working Surfaces			B7 Safe W	alking Surfaces and s: JSA 1,3,4,7
	4,5,6	Noise	NA□ Low□ Medium⊠ High□		B8 Noise:	
	5,6	Live Electrical Equipment	NA□ Low⊠ Med	The state of the s	B14 Live E 5,6,9	lectrical Equip: JSA
	4,5	Poor Lighting	NA□ Low⊠ Med		B7 Safe W Work Area	alking Surfaces and s; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□		B15 Overh 2,5,6	ead Hazards: JSA
	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□		B17 Traffic JSA	: Management: All
9	5,6	Heavy machinery/drill rigs	S NA□ Low□ Medium⊠ High□		B18 Heavy	Machinery: JSA 4,5
	5,6	Trenching/Excavation	NA⊠ Low□ Med	lium⊠ High □		ning/Excavation:JSA
ω'	1,3,4,5,6	Vehicle use	NA□ Low⊠ Med	lium High		e Use: All JSA
	2,3	Work near/on water	NA⊠ Low□ Med			Near/On Water: JSA
	4,5	Elevated heights (<4ft)	Na□ Low⊠ Med	lium High	4	ng from Heights (<4

BASF Facility Cranston, RI Date (१ १७५५)		DAILY SAFE	SES (Page of)	
	4,5	Elevated heights (>4ft)	NA Low Medium Her	B23 Working 6
	5,6	Overhead/underground	MA□ Low□ Medium⊠ High□	B23 Working from Heights feet)
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B24 Overhead/Underground Utilities: JSA 1,3,4
	4,5,6	Electrically powered equipment	Mi Low Medium High	B25 Electrically Powered Equipment and Tools: JSA
D/	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	B25 Electrically Powered Equipment and Tools: JSA
	4,5	Drums, cylinders,	NA□ Low⊠ Medium□ Hon□	B26 Cutting Devices/Tools; JSA 9
	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ [ngh□	B1 Chemical: JSA 4 B29 Material
]	3,5,6	Poisonous/irritating plants	Na□ Low⊠ Medium□ High□	Handling/Ergonomics: JSA 2,6,7,9 B32 Plants and Animals: All
Y	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	JSAs B32 Plants and Animals; All
3'	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	JSAs B32 Poisonous Plants,
]	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	Animals, and Insects; All JSA
]	Note:A single ha evaluated as the	zard may be listed under several 1 overall ranking.	asks. In this case, use the highes	t Severity ranking of the tasks
ecriptio	n of Any Additional A	activities, And Associated Health	and Safety Risks and Protective	Procedures/Equipment:

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9:10:19	JASON DLINER	SES.	6:00	4.00
9 10-19	JOHN LEIBHTON	SES	6:00	4.30
9-10-19	Brindles Steway	SFS	7:00	3:00
9 1019		HEI	>15	16:15
91019	Joseph D-ehaum Geoff Gernce	AEZ	7:00	1630
	·			

DAILY PROJECT REPORT Submitted By: Geoff Gerace BASF, Lot 1102 Project: Signature: 180 Mill Street Date: 9/11/2019 Cranston, RI Daily Temp: <u>73-56</u> Precipitation: 0.0" Weather: PERSONNEL/EQUIPMENT Owner/Representative: Contractor Superintendent Foremen Geoff Gerace AEI Personnel: H&S/QA Officer R Komalev. SES 1 Operators Laborers Other Trades (Surveyor) Visitors On Site: SubContractor No. Company/Firm 2 NEG · Total Personnel On Site **EQUIPMENT/MATERIALS RECEIVED:** Loader 470 MAJOR EQUIPMENT: Total Quantity = 540 Yards United G25 T45 Generator Skidsteer T590 Mini CAT E35i Dozer CAT D5K Roller Dyna PAC 5 Roll off Container (Next week drill cuttings) SES continues to receive loads of loam from several trucking companies. Continue to spread loam on perimeter of site. New England Geotech onsite for extension of monitoring well pipes. NEG also decomissions 3 MW, and fills removed wells w/bentonite. AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the **HEALTH & SAFETY:** procedures and content of SES's HASP." **AEI Signature** ISSUES/CHANGES/RESOLUTIONS: Loader 470 brought onsite DISCUSSIONS/CLIENT DIRECTION: N/A

STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590 Office: (508) 757.7782

Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9-11-19	ate: 9-11-19 Project Number: 18-0122				
WED					
CLIENT / SITE INFORMAT	ION				
Name: BASE/AE	T				
Address: CRANSTON	U RT				
160 14,1	LST			······	:
Contact:			***		
PROJECTS NOTES \mathcal{R}	EVIEW	SAFBT	W P	1 417 "	CANTINUE DO RABBURE
MATERIALS - PLA	CE TOR	Sail.	ASS	ISTEN	CONTIDUE TO RECEIVE WELL CREW
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				4,1	
		*	2400-000		
LABOR				MATERI	ALS / EQUIPMENT / TOOLS
Name	Position Trav	vel On-site Off-Sit	te Travel	Quantity	Item / Description
JOHN LEIGHTON	OP -	6:00		1	PPE Level: A B C (D)
				1	SERVICE TRUCK
				1	Dozer DSK
				1	EXCAUATOR E35I
				1	BOBCAT TO 90
				i	ROLLER DYNAPAC 5
				1	GENERATOR 525
				i	OFFICE TRIR-TOLLET - STORAGE BOX
SUBCONTRACTORS				1	LASEL
ALL ISLAND!				1	HAND TOOLS
20 LOADS OF	TOSSOU	D.598	13		CLOADER KOMATSU 4702
	10/3010		Y		(ARRIVED @ LO: OD AM)
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<u> </u>	***************************************				
WEATHER OBSERVATION	15 7 00 F	U: 3544 .	0		
		Et V Juv	<u></u>	Project Mar	nager's Signature:
**************************************				Client's Ci-	nature:
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MATERIAL TO THE PARTY OF THE PA				-	

roj	ect:	
BAS	FF	acility
Cran	sto	n, RI
		11.19)
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DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Date (9	9)		the state of the s		
WED.					+
Servicing or N	Maintenance We	ork Description			╫
Description of	Work: CMI Impl	ementation Project			+
Start Date / Tir	ne: (Date) (Time	9.11.19 6:00 AU	aA		+
	180 Mill Street, 0		4		
Work					
					₩
Strategic Env	Ironmental Sen	vices, Inc. (SES)			-
Primary/Lead (Company Name:	SES			
Contact Person	n:				+
Contact phone	#				+
	·				₩
Health and Sa	fety (H&S) Plan	(HASP) Signatures		7	#
Sign-off sheet att	esting that the HAS	SP has been made available and	reviewed by the Individual price	or to entry into the site, and/or daily H&S	111
required dally, an	omer participating id as otherwise dec	in the project must receive initia emed necessary by the Site Heal	al Health and Safety Orientation	n. Thereafter, a taligate safety meeting is ng below, an individual certifies that he h	
read, understood	, and will observe i	the contents of this HASP and D	aily Safe Work Form with Pre-1	ng below, an individual cerunes that he h lask Planning Form.	as
Health and Sa	fety Meeting				#
Date	Name of Atte	endee (Print)	Company	Initials	111
9.17.19	JOHN	LEIGHTON	5 8 5	81.	111
9-11-19	Geall	Caraca Konsulstai	AEI	66	\Box
9-11/19	RICK	Konsulstei	AB1	Me	Π
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Visitor Log	**************************************				#
	that visitors must	turnish their own personal prote	ctive equipment. All visitors as	re required to sign the visitor log and	$+\!\!+\!\!\!+\!\!\!\!+$
comply with Heal	th and Safety Plan	requirements. If the visitor repre I also immediately notify HSC.	esents a regulatory agency cor	ncerned with site health and safety issues	411
Name of Visito	r (Print)	Company Name	Date of Visit	Signature	111
					111
					1111
					1
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Project: BASF Facility Cranston, RI Date (9.11.19)	DAILY SAFE WORK FORM	SES (Page of)
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Project:
BASF Facility
Cranston, RI
Date (9-11-19)

DAILY SAFE WORK FORM

SI	ES	
Page _	_ of)	

	(9.11.		
Type	of Fau	immentNahiologian de Colombia	
QT.	Field Sc	sipment/Vehicles/Motorized Equipment ervice Trailer	
	Excavat		Roll-off Tractor Truck
- manufacture	Loader		Roll-off containers
-	Track D		Dump Truck/Triaxle
-			Dump Trailers
The same of the sa			Pickup Utility Trucks
Comments of the last	Frac Ta	A	Sump Pump
-	General		Trench Box
	Water B		NaOH Storage Tank
	Sawzail	[P	Other (list) COMPACTOR
This	work al	en requires the use of the next to	
⊠ PI	ROJEC	so requires the use of the permits or docu T-SPECIFIC HASP	ments checked below
□ LC	OCK-OL	JT, TAG-OUT PERMIT	
⊠ PF	RE-TAS	K PLANNING FORM	
□ C(ONFINE	ED SPACE ENTRY PERMIT	
□ o	THERS	(LIST)	
		(LIOI)	
Antic	inated [Project Rieke and Waterda Identification I	
inform	ation (S	See Daily Pre-Task Plan for day-specific inform	dentify the source/s used and include necessary specific
Used	N/A	Source Source	(lation)
X		Pre-work Inspection of the work site	Specific Risk or Hazard that needs to be addressed
X		MSDS review / includes any 'new' chemicals	See SES HASP
	X	Crane Operations	MSDS Sheets Provided in HASP
	X	Elevated Work	
X		Environmental Conditions	0-05011405
Х		Heavy Powered Mobile Equipment Use	See SES HASP
	X	Language / Communication Difficulties	Excavators to load soil into trucks, truck traffic
X		Materials to be used	Car Day Tarak Di
	X	Overhead Work / Rigging	See Pre-Task Plan
	X	Special Equipment to be used	
Х		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	266 2E2 UM2h
X		Other Risks or Hazards	DCBMOC
Anticip	pated P	Project Required Precautions & Protective I	PCB/VOC-contaminated soils; Sodium Persulfate
auures	seo (S	See Daily Pre-Task Plan for day-specific inform	Measures Be sure that each identified Risk or Hazard is
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipme	nt) To be developed on eith with STO
	Х	Barricades needed	nt) To be developed on site with SES work crew
	Х	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	369 3E3 UM3h
X		First Aid / Medical Treatment provisions	Con SEC MACD
	Х	HOT WORK Procedure requirements	See SES HASP
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
		T THE THE PROCESSION TENGLISHES	

Project: BASF Facility Cranston, RI Date (1 - 11 - 19)		RI DAILY SA	DAILY SAFE WORK FORM			SES (Page of)
	X	Scaffolds / decking				
X		Temporary electrical power		0 05	2 11 1 2 2	
	X	Temporary Utilities services		See SES	S HASE)
X	X Trench / Excavation Boxes			0		
Other Requirements				See SES	HASF	
Requ	ired P	ersonal Protective Equipment (PPE) Ide	entify the ex	Numa la co		
□ P	PE GR	ID ⊠ MSDS □ BASF Know	ledge [Mosts U	sed and	check the appropriate boxes
YES	NO	ITEM		YES	TOVIGE	Triowledge Prior SWP
X	-	Hardhat (either) ☐ Fiberglass ☒ Pla	estic	TES	NO	Item
Х		Joanety Glasses, ANZI-rated, side shield	s		X	Rain Suit
	X	Goggles Chemical C	Dust	-	X	Unemical Suit Jacket Panto
	Х	Faceshield	aceshield		Personal Fall Protection Equipment	
X		Hearing Protection ⊠ Plugs □ N	Auffs	X		Gloves Chemical D Work
	X			^		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator	ull-face	Х		Boots ☐ Rubber ☒ Other
	X	Fire Retardant Electrical Clothing			X	Welding Protection
X		Eyewash Station			X	Retrieval System for Confined Spaces
X		Tyvek Suits		X		Mobile phone or radios
		Other PPE (list)		Х		Insect repellent, sunscreen
				X		High-visibility, reflective vest
Fraini	ng Rec	uirements				
Need	N/A	Area				
(BASF Safety Orientation (if required)				
(IVIOUS Reviews		-		
(Review of precautions listed above per	SES HASD			
(Treview of redfilled bbE	OLO MASP			
		Other training (specify) –				

Project: BASF F Cranston Date (9	acility n, RI	DAILY SAFI	E WORK FO	RM	SES (Page of)
STRATE ENVIRON SERVICE:	MENTAL	PROJECT / JOB / TAS BASF Cranston/CMI Im	K (Description):	LOCATION: 180 Mill Street	DATE et,
	TASK PLAN (PTP)	SES SUPERVISOR:		Cranston, RI	
	Check off AND Circ Task 1 - Permitting Task 2 - Mobilizatio Task 3 - Excavation Task 4 - Transporta	le today's activities) n/Site Prep/Road & Decor n/Decontamination/Soil Sto tion and Disposal of Conta	ntamination Road I	Installation/Eros	ess, equipment, personnel, ork conditions, client interface ion Controls ng/Liquid Management
Today's Activities (Check		Recommended Actions	or Procedures		
Each)	3			d /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
	3,4,5	Chemical Hazards	NA□ Low□ Medi		B1 Chemical: JSA 10
/	3,4,5,6	Dust/Fumes/Particulates	NA□ Low□ Media		B2 Dust: JSAs 1,2,4,5,6
/	3,4,5,6	Job Zone Control	NA□ Low□ Medit	ım⊠ Hah□	B3 Job Zone Control; All JSAs
	3,4,5,6	Heat	NA□ Low□ Medic	ım⊠ Han□	B4 Heat: All JSAs
	1,3,4,5,6	Cold	NA Low Medic	Im⊠ High □	B5 Cold; All JSAs
	3,4,5,6	Severe Weather	NA Low Mediu		B6 Severe Weather: All JSAs
	4,5,6	Walking/Working Surfaces	NA Low Mediu	m Men 🗆	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
	5,6	Noise	NA Low Mediu	m⊠ Fig.	B8 Noise: All JSA's
	4,5	Live Electrical Equipment	NA□ Low⊠ Mediu		B14 Live Electrical Equip: JSA 5,6,9
	4,5,6	Poor Lighting Overhead Hazards	NA□ Low⊠ Mediu		B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	3,4,5,6	Traffic Management	NA□ Low⊠ Mediu		B15 Overhead Hazards: JSA 2,5,6
		(Vehicle, pedestrian interference)	NA□ Low□ Mediur	3,000,000	B17 Traffic Management: All JSA
	5,6	Heavy machinery/drill rigs	NA□ Low□ Mediun	n⊠ High	B19 Hossaid
(5,6	Trenching/Excavation	NA⊠ Low□ Medium		B18 Heavy Machinery: JSA 4,5 B19 Trenching/Excavation: JSA
	1,3,4,5,6	Vehicle use	Ma Low⊠ Mediun		4,0,0,8
	2,3	transfer of the same of the sa	NA⊠ Low□ Medium		B20 Vehicle Use: All JSA B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	Ma□ Low⊠ Medium		1 322 Working from Heights (<4

4ft) NAC Low Medium High und NAC Low Medium High NAC Low Medium High NAC Low Medium High S NAC Low Medium High NAC Low Medium High	B23 Working from Heights feet) B24 Overhead/Underground Utilities: JSA 1,3,4 B25 Electrically Powered Equipment and Tools: JSA 9 B25 Electrically Powered Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9 B1 Chemical: JSA 4
INA Low Medium M	B24 Overhead/Underground Utilities: JSA 1,3,4 B25 Electrically Powered Equipment and Tools: JSA 9 B25 Electrically Powered Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9 B1 Chemical: JSA 4
NA Low Medium High Community Low Medium Medium Medium Medium High Community Low Medium Me	B25 Electrically Powered Equipment and Tools: JSA 9 B25 Electrically Powered Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9 B1 Chemical: JSA 4
NA Low Medium Hon NA Low Medium Medium NA NA Low Medium Medium Medium NA Low Medium Me	B25 Electrically Powered Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9 B1 Chemical: JSA 4 B29 Material
NA□ Low□ Medium⊠ High□ NA□ Low□ Medium□ High□	B26 Cutting Devices/Tools; JSA 9 B1 Chemical: JSA 4 B29 Material
NA□ Low⊠ Medium□ Ion□	B1 Chemical: JSA 4 B29 Material
NA□ Low□ Medium⊠ High□	B29 Material
plants MAD LOWE Made	Handling/Ergonomics: JSA
plants NA□ Low⊠ Medium□ High□	2,6,7,9 B32 Plants and Animals: All
es NA□ Low⊠ Medium□ Hat□	JSAs B32 Plants and Animals; Ali
NA□ Low⊠ Medium□ High□	B32 Poisonous Plants
NA□ Low⊠ Medium□ High□	Animals, and Insects; All JSA
veral Tasks. In this case, use the highes	
	- Procedures/Equipment:

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9.11.19	JOHN LEIGHTON	5 E 5	6:00	16.30
9-11-19	Groff bernce	AET .	7:00	15:30
11/2019	Dant Rogan	NEG	8:00	12:00
11/2019	Hayes Roubbles	Ut6	8500	14:30
14/19	Rick Kowalski	AEI	15:00	16:30
	·			



Photo 1: Stone construction walkway installed on the northwest side of site.



Photo 3: Spreading of 6" loam layer (facing north).



Photo 2: Photo of install of monitoring well extension pipes (facing south).



Photo 4: Install of loam layer along perimeter of site(facing north).





Photo 5: Decommissioning of monitoring wells (facing south).



Photo 6: Final install of monitoring wells extension pipes (facing west).



DAILY PROJECT REPORT Project: BASF, Lot 1102 Submitted By: Richard, 180 Mill Street Signature: Cranston, RI Date: 9/12/2019 Daily Precipitation: 0.2" Weather: Rain/Cloudy Temp: 60 - 63 F (Hi - low) PERSONNEL/EQUIPMENT Contractor No. Owner/Representative: Superintendent 1 Foremen H&S/QA Officer AEI Personnel: R. Kowalski 1 Operators Laborers Other Trades SubContractor No. Company/Firm Visitors On Site: 3 Total personnel on site MAJOR EQUIPMENT: **EQUIPMENT/MATERIALS RECEIVED:** Skidsteer T590 United G25 T45 Generator Topsoil (4 loads) Mini CAT E351 116 cy Dozer Cat D5K Roller Dyna Pac 5 Roll-off Container (for CEC drill cuttings) WORK COMPLETED: SES spread topsoil along the western edge of the site, along the slope adjacent to floodway and finished SW corner of site including a small portion of stone pathway. Marked area of floodway where CEC work area will be filled with stone rather than topsoil. Discussed with SES on site. Also discussed edge of site at NW corner where the compacted fill is already close to finish grade prior to placement of topsoil. SES will make adjustments in this area. **HEALTH & SAFETY:** Morning tailgate meeting to discuss safety topics, which included: biological hazards (ticks), use of hard hats, location of AEI HASP, truck traffic during deliveries. AEI has reviewed SES's Safe Work Form/Pre-Task Plan for day and verifies, by signing below that these documents comply with the procedures and content of SES's HASP. Signature: ISSUES/CHANGES/RESOLUTIONS: None DISCUSSIONS/CLIENT DIRECTION: BASF directed SES to place stone in CEC work area (45 x 20 ft) at SW corner of site instead of topsoil.

STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road Sutton, Massachusetts 01590

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9-12-19				Project	t Number: 18-0177
THURSDA	4				10 046 6
CLIENT / SITE INFORMA	The same of the sa				
Name: BASF V					
Address: 160 M					
CRANST					
Contact:					
PROJECTS NOTES 1	Tool Bor	CAFE	TV M	EETIN	In The Control
SLOPE TO WALK	INL PA	TH &	CONCE	PUCT	L. TOP SOLL SW CORNER WALKING PATH.
			CO143 (1	(00)	CACKING PAIN.
LABOR				MATER	IALS / EQUIPMENT / TOOLS
Name	Position Tra	vel On-site Off	f-Site Travel	Quantity	
JASON OLIVIER		00 6600		Z	PPE Level: A B C 6
JOHN LEILHTON	OPENATOR	06CC		1	SERVICE TRUCK
				1	POZEK DSK
				1	EXCAUATOR E35I
				1	BOB (AT TS90
	- 1			1	KOCLER DYNAPACS
		1		i	
			1	1	LOADER 470 LASER
SUBCONTRACTORS		1		1	HAND TOOL
				1	
				1	OFFICE TRAILER, TEMPFENCE, TOILET GEN ARATOR 625
					OCH MARKET 623
WEATHER OBSERVATION	IS				
				Project Mana	ager's Signature:
				Client's Sign	A. Carlotte and the Car
				cherics sign	acute.

roject: BASF Facility Cranston, RI Date (9.12.19)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Tilina	•				
THUR					
Servicing or I	Maintenance V	Vork Description			
Description of	Work: CMI Im	plementation Project			
Start Date / Ti	me: (Date) (Tin	ne) 9-12.19 - 6:00 p	411		
Location of Work	180 Mill Street	, Cranston, RI			
Strategic Env	Ironmental Se	rvices, Inc. (SES)			
Primary/Lead	Company Nam	e: SES			
	in: JASON				
Contact phone		76-3585			
Health and Sa	afety (H&S) Pla	an (HASP) Signatures			
required <u>daily</u> , ar read, understood	nd as otherwise d	RAMAN DACASSON by the Site L	and reviewed by the individual nitial Health and Safety Orienta lealth and Safety Officer. By sig d Daily Safe Work Form with Pr	tion. Thereafter, a tallgate safe	l/or daily H&S ety meeting is lifies that he has
rivalui anu oz	nety meening				
Date		ttendee (Print)	Company	Initials	
9:12:19	JAYSON	DUVER	5 K.5	A/2	
9-12-19	JOHN 1	É LEHTON	SES	ne ne	
9-12-19	Riele	Kowals Ki	401	Me	
	-				
	-		, v		
					3 1 11 2
Visitor Log					
t is SES's policy comply with Healt the Designated Si	that visitors must th and Safety Plan the Supervisor sha	furnish their own personal pro requirements. If the visitor re Ill also immediately notify HSC	otective equipment. All visitors presents a regulatory agency o	are required to sign the visito oncerned with site health and	r log and safety issues
Name of Visitor	(Print)	Company Name	Date of Visit	Signature	
			Date of Visit	Signature	
	A Transaction				

Project: BASF Facility Cranston, RI Date (9 12-19)	DAILY SAFE WORK FORM	SES (Page of)

Project: BASF Facility Cranston, RI Date (9.1249)
Cranston, RI
Date (9.12.19)

DAILY SAFE WORK FORM

SI	ES
(Page_	_ of)

Tyr	e of Fr	nsipment//chieles/ffret	
	Field	uipment/Vehicles/Motorized Equipment Service Trailer	
	Excav	rotors	Roll-off Tractor Truck
3	Loade	r U	Roll-off containers
7		Dozer	Dump Truck/Triaxle
7		Steer Loader	Dump Trailers
7	Frac T		Pickup Utility Trucks
7	Gener	otor	Sump Pump
		Buffalo 🖂	Trench Box
=	Sawza	il L	NaOH Storage Tank
=-	Carre		Other (list) Coun pactor
his	work a	So requires the use of the	- (mains
₹ F	ROJE	also requires the use of the permits or docum CT-SPECIFIC HASP	ents checked below
JL	OCK-C	UT, TAG-OUT PERMIT	
9 1	RE-TA	SK PLANNING FORM	
] (ONFIN	ED SPACE ENTRY PERMIT	
] (THERS	S (LIST)	
	7		
ntic	ipated	Project Risks and Hazards Identification	entify the source/s used and include necessary specific
forr	nation (See Daily Pre-Task Plan for day-specific information	entiny the source/s used and include necessary specific
seu	N/A	Source	
	1	Pre-work Inspection of the work site	Specific Risk or Hazard that needs to be addressed
	2.0	MSDS review / includes any 'new' chemicals	J OCC SES HASP
	X	Crane Operations	MSDS Sheets Provided in HASP
	X	Elevated Work	
		Environmental Conditions	C 0F0
		Heavy Powered Mobile Equipment Use	See SES HASP
_	X	Language / Communication Difficulties	Excavators to load soil into trucks, truck traffic
-	¥ -	iviaterials to be used	
	X	Overhead Work / Rigging	See Pre-Task Plan
_	X	Special Equipment to be used	
-		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	See SES HASP
Al ai		Uther Risks or Hazarda	PCRN/OC
ucij	ated F	roject Required Precautions & Protective Me	PCB/VOC-contaminated soils; Sodium Persulfate
ed	_	The rask Flan for day-specific information	Be sure that each identified Risk or Hazard is
u	N/A	7 11 00	0 10
_	V	Access & Egress Plans (People & Equipment)	Specific measures that are required
-	X	Libanicades needed	To be developed on site with SES work crew
-	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
-	X	Elevator use	
		Emergency Equipment	See SES HASP
_	~	Emergency Plans / Emergency Responder	See SES HASP
	X	rail protection	TOO OLO MAOP
		First Aid / Modical Tax	
	>	rist Aid / Medical Treatment provisions	See SES HASD
	X	First Aid / Medical Treatment provisions HOT WORK Procedure requirements	See SES HASP
	X X	HOT WORK Procedure requirements HVAC System requirements LINE-BREAKING procedure requirements	See SES HASP

BA: Cra	ject: SF Fa nston, e (4	RI	DAILY SAFE W	ORK F	ORM	SES (Page of	_)		
	THUN								
	X	Scaffolds / decking							
X		Temporary electrica	l nower	-			_		
	X	Temporary Utilities	Powel	See SE	S HASI				
X		Trench / Excavation	Royce	1			_		
	34	Other Requirements	Doxes	See SE	S HASE				
							-		
Requ	ired P	ersonal Protective Four	Inment (BDF) 11			check the appropriate boxes	-		
□ P	PE GR	D MSDS	PASSIVE Identify the	source/s u	sed and	check the appropriate hoves			
	NO	ITEM	☐ BASF Knowledge	7	Provide	r Knowledge	_		
X		Hardhat (either) Fi	horaless 53 51	YES	NO	Item - Frioi Svvi			
X		Safety Glasses, ANZI-	reted side like		X	Rain Suit	-		
	X	Goggles			X	Chart 15	Pant		
	X	Faceshield	Chemical Dust	F	X	Personal Fall Protection Equipm	Pan		
X H		Hearing Protection ⊠	Di	X		Gloves Chemical	nent		
	Х	5		X		Long sleeve shirt and steel tood	Work		
	X	Respirator Duet Manie	Half-mask ☐ Full-face	X		Posts Shank			
	X	Dust Mask		-	X	Boots □ Rubber ☑ (Other		
	^	Fire Retardant Electrica	al Clothing		X	Welding Protection			
		Eyewash Station		X	^	Retrieval System for Confined S	paces		
		Tyvek Suits		X		woolle phone or radios			
	-	Other PPE (list)		X	-	Insect repellent, sunscreen			
rainir	or Pag	uirements		1.		High-visibility, reflective vest			
eed	N/A				-				
Jou	JUA	Area							
		Meno B	Safety Orientation (if required)						
		I WIGDS REVIEWS							
	-	Review of precautions listed above per SES HASP Review of required RRF							
		TO TO TOUGH BU PP	dulled PPF						
	-	Other training (specify)	·						
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BASF Facility Cranston, RI Date (9.12.19)		DAILY SAI	DAILY SAFE WORK FORM SES (Page of)				
STRAT		PROJECT / JOB / TA	SK (Danielli				
SERVIC	NMENTAL ES	BASF Cranston/CMI	Implementation	LOCATION: 180 Mill Stree	et,	DATE	
PRE	TASK PLAN (PTP)	SES SUPERVISOR:		Cranston, RI			
Weather, Task List	Task 1 - Permittin Task 2 - Mobilizat Task 3 - Excavati Task 4 - Transpor Task 5 - Backfillin	tion/Site Prep/Road & Deer on/Decontamination/Soil S tation and Disposal of Con	entemination Road Introduction	nstallation/Erosi	ork coridition	s, client interfa	
Tasks, Po	tential Hazards, and	ation d Recommended Actions		ement			
Activities (Check Each)	Task Number(s	Hazards	Relative Hazard	/Risk Rating*	Hazard Cor and/or J	itrols Mechanis SA (See HASP)	
,	3,4,5	Chemical Hazards	NA□ Low□ Mediu	m 🛭 High 🗆	B1 Chemical		
/	3,4,5,6	Dust/Fumes/Particulates	NA Low Mediu				
	3,4,5,6	Job Zone Control	NA□ Low□ Mediur		B2 Dust: JSA	s 1,2,4,5,6	
	3,4,5,6	Heat	NA□ Low□ Medium		94 Hasta MI	Control; All JSAs	
		Cold	NA Low Medium		B4 Heat: All		
	1,3,4,5,6	Severe Weather .	NA□ Low□ Medium	-	35 Cold; All J		
	3,4,5,6	Walking/Working Surface	s NA Low Medium	- Lwester		eather: All JSAs	
	4,5,6	Noise		l v	7 Safe Walki	ng Surfaces and	
	5,6		NA□ Low□ Medium	M PIGE B	Vork Areas:] 8 Noise: All]	SA 1,3,4,7	
	4,5	Live Electrical Equipment Poor Lighting	NA□ Low⊠ Medium	O HIGHO B		sa's rical Equip: JSA	
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium	□ Migh□ B		g Surfaces and	
	3,4,5,6		NA□ Low⊠ Mediumi	B:	15 Overhead 5,6	Hazards: JSA	
		Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium	4,	7 Traffic Mar	nagement: All	
	5,6	Heavy machinery/drill rigs	NAD LOWER MAN				
	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠		8 Heavy Mac	hinery: JSA 4,5	
	1,3,4,5,6	Vehicle use	L	las	5,6,8	Excavation: JSA	
	2,3		NA□ Low⊠ Medium□	B2	O Vehicle Use	100	
	2,3	Work near/on water	NA⊠ Low□ Medium□	The same of the sa		On Water: JSA	

Overhead/underground utilities 4,5,6 Powered hand tools 4,5,6 Electrically powered equipment A,5,6 Cutting devices/tools A,5,6 Drums, cylinders, containers Containers Containers A,5,6 Material handling, ergonomics 3,4,5,6 Material handling, ergonomics 3,5,6 Polsonous/irritating plants A,5,6 Insects/rodents/snakes NA Low Medium M	B23 Working from Height: feet	Season S	Crans	ct: Facility ton, RI 9 (12)(9)	DAILY SAFE	WORK FORM	SES (Page of)	
S,6 Overhead/underground utilities D24 Overhead/Underground utilities D34 Overhead/Underground utilities D35 Electrically Powered D35 Electrical	S,6 Overhead/underground utilities SA Low Medium High B24 Overhead/Underground Utilities: JSA 1,3,4	S,6 Overhead/underground utilities SA Low Medium High B24 Overhead/Underground Utilities: JSA 1,3,4		4,5	4,5 Elevated heights (>4ft) NA□ Low⊠ Medium□ Hight□			
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3,5,6 Ticks, mosquitos NA□ Low⊠ Medium□ High□ B32 Plants and Animals; JSAs I,3,4,5,6 Employees working early/late Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the task evaluated as the overall ranking.	3,5,6 Ticks, mosquitos NA□ Low⊠ Medium□ High□ B32 Plants and Animals; All JSAs 1,3,4,5,6 Employees working early/late Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	3,5,6 Ticks, mosquitos NA□ Low⊠ Medium□ High□ B32 Plants and Animals; All JSAs NA□ Low⊠ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JSA 1,3,4,5,6 Employees working early/late	1			NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All	
1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the task	Incks, mosquitos NA□ Low⊠ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JS. Employees working early/late Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	7				B32 Plants and Animals: All	
Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the task	Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks. B34 Personal Safety; All JSA evaluated as the overall ranking.	Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks. B34 Personal Safety; All JSA evaluated as the overall ranking.]	1,3,4,5,6	Fe. I		B32 Poisonous Plants	
evaluated as the overall ranking.	evaluated as the overall ranking. evaluated as the overall ranking. scription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	evaluated as the overall ranking. evaluated as the overall ranking. escription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:			l early/late	NA□ Low⊠ Medium□ High□	D24 D-	
scription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:			scription	n of Any Additional A	ctivities, And Associated Health	and Safety Risks and Protective	Procedures/Equipment:	

BASF 180 MHI Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9-12-19	JASON OLIVIER	SES	0600 an	4:00 pm
9-12-19	JOHN CEILHTON	SES.	0600	4:00 pm
9-12-19	Prick Kowalski	AEI	0700	5.00
		,	-	



Photo 1: Piles of stone for construction of walkways.



Photo 3: Spreading of 6" loam layer (facing southwest).



Photo 2: Photo of trucks making deliveries of topsoil on north portion of site (facing north).



Photo 4: Photo of loam layer along slope down into floodway with pathway staked out to the left of loan (facing west).





Photo 5: Photo of completed retention basin (facing southwest).



Photo 7: Photo of topsoil installed in wedge along west side of site (facing north).



Photo 6: Photo of CEC work area to be lined with stone in floodway area with eastern edge staked and marked on ground on left side (facing south).



DAILY PROJECT REPORT Project: BASF, Lot 1102 Submitted By: Robert Medaglio 180 Mill Street Signature: Cranston, RI Date: 9/13/2019 Daily Weather: Sunny Precipitation: 0" Temp: 52-69 (Hi - low) PERSONNEL/EQUIPMENT Contractor No. Owner/Representative: 2 Superintendent 1 Foremen _ H&S/QA Officer AEI Personnel: R. Medaglio 1 1 Operators A Ting 1 Laborers Other Trades (Surveyor) SubContractor No. Company/Firm Visitors On Site: N/A 6 Total Personnel On Site MAJOR EQUIPMENT: EQUIPMENT/MATERIALS RECEIVED: Skidsteer T590 United G25 T45 Generator Topsoil (10 loads) Mini CAT E351 254 cv Dozer Cat D5K Roller Dyna Pac 5 Roll-off Container (for CEC drill cuttings) WORK COMPLETED: SES continued to spread topsoil along site. Discussed with SES spreading off stone in floodway excavation area and scraping of topsosil which has already been spread in this area. AEI conducted field checks of floodway grade, areas surveyed +/- 3" of finished grade, discussed spreading 3" of topsoil across floodway rather than 6" as per spec. Will continue field checks on Monday. HEALTH & SAFETY: AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP." **AEI Signature** ISSUES/CHANGES/RESOLUTIONS:

DISCUSSIONS/CLIENT DIRECTION:

BASF 180 Mill Street, Lot 1102 Cranston, RI

6	RI	1	•	LA	
_	2	L	M	9	L

Date	Name	Company Name	Time In	Time out
5.13.19	JAYSON DHUER	SES	6:00	4:00
9.13.19	JOHN LEIGHTON	SES	6:00	4:00
9-13-19	Robert Medy 10	AFI	7:00	17:30
9-13-19	Ryan Grackery	SES	8:00	10:00
7-13-19	Beb Madelock	SES	800	10:00
7-13-15	Acron Tmg	ÁEI	0730	10:00
•				

Project:
BASF Facility
Cranston, RI
Date (9 1(3.19)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Date (913	(01)			
FRIDI	ay			
Servicing or	Maintenance W	ork Description		
Description of	Work: CMI Imp	lementation Project		
Start Date / T	ime: (Date) (Tim	e) 9:13:19 6:00 AM		
Location of Work	180 Mill Street,	Cranston, RI		
Stratonia En	visammantal Ca	-i L- (aga)		
Primary/I and	Company Name	vices, Inc. (SES)		
Contact Pers	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	5. SES		
Contact phon	-			
Contact priori	<i>O II</i>			
Sign-off sheet a briefing. All per required <u>daily</u> , a read, understoo	attesting that the HA sonnel participating and as otherwise de ad, and will observe	I in the project must receive initi	al Health and Safety Orientati ith and Safety Officer, By slow	rior to entry into the site, and/or daily H&S on. Thereafter, a tallgate safety meeting is ning below, an Individual certifies that he has -Task Planning Form.
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	afety Meeting			
Date		tendee (Print)	Company	Initials
9-13-19	JAYSON		585	180
9.13.19	JOHO I	ELGHTOD	5E5	AL
3-13-19	dethe of	Medy 170	1 AFF	Pon
9-13-19	Ryan G	adocay	SES	RG
9-13-19	Beb	Market K	5E5	BY.
9-13-19	Haror	Tinj	AE	ACT
		Ser or annual control of the service		
	7-11		pro-temperature and the second	
comply with He	alth and Safety Plan	furnish their own personal proto requirements. If the visitor repr all also immediately notify HSC.	ective equipment. All visitors resents a regulatory agency c	are required to sign the visitor log and oncerned with site health and safety issues,
Name of Visit		Company Name	Date of Visit	Signature
	The state of the s			

Project: BASF Facility Cranston, RI Date ()	DAILY SAFE WORK FORM	SES (Page of)	

Project:
BASF Facility
Cranston, RI
Date (9-13-19)

DAILY SAFE WORK FORM

SES (Page __ of __)

Type of Equipment/Vehicles/Motorized Equipment Roll-off Tractor Truck						-		
Field Service Trailer	Type	of Equi	oment/Vehicles/Motorized Equipment					
Roll-off containers	10/ [Field Ser		1 15	7-11 - 65 T			
Condition Continues Cont		-	the state of the s					
Dump Trailers Dump Traile		-		_				
Skid Steer Loader	-	-	The second secon					
□ Frac Tank □ Sump Pump □ Generator □ Trench Box □ Water Buffalo □ NaOH Storage Tank □ Sump Pump □ Su				_				
Water Buffalo	-	The same of the sa		alliance beauty				
Water Buffalo	-	-						
This work also requires the use of the permits or documents checked below PROJECT-SPECIFIC HASP	-	-		-				
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X BASF equipment / materials to be used	X			ment)	To be developed on site with SES work crew			
V Electrical actata and an actual design of the state of								
		X	Electrical safety equipment required					
X Elevator use		X	Elevator use					
X Emergency Equipment See SES HASP X Emergency Plans / Emergency Responder See SES HASP	X		Emergency Equipment		See SES HASP	-		
	X		Emergency Plans / Emergency Respond	ier	See SES HASP	Nation		
X Fall protection		X				_		
X First Aid / Medical Treatment provisions See SES HASP	X		First Aid / Medical Treatment provisions		See SES HASP	_		
X HOT WORK Procedure requirements						-		
X HVAC System requirements		X	HVAC System requirements			_		
X LINE-BREAKING procedure requirements		X		ts		-		

Project: BASF Facility Cranston, RI Date (의 명기원)		RI	DAILY SAFE WORK FORM		SES (Page of)		
	X	X Scaffolds / decking				The second secon	
X		Temporary electr	rical nower				
-	X	Temporary Utilitie	ncai power	See SE	S HASI	P	
X		Trench / Excavat	ion Paus				
		Other Requireme	ION BOXES	See SES HASP			
X	-	Hardhat (either) ☐ Fiberglass ☒ Plastic Safety Glasses, ANZI-rated, side shields Goggles ☐ Chemical ☐ Dust		YES	INO	Item Prior SWP	
<u>x</u>	X	Goggles Gasses, AN	ZI-rated, side shields	I IES	X X	Item	
	X	Goggles Faceshield	ZI-rated, side shields ☐ Chemical ☐ Dust		X	Item	
x	Х	Goggles Faceshield Hearing Protection		X	X	Item	
	X	Goggles Faceshield Hearing Protection Respirator	ZI-rated, side shields ☐ Chemical ☐ Dust	X	X	Item	
	X	Goggles Faceshield Hearing Protection Respirator Dust Mask	ZI-rated, side shields □ Chemical □ Dust □ Plugs □ Muffs □ Half-mask □ Full-face	X	X	Item	
X	X	Goggles Faceshield Hearing Protection Respirator Dust Mask Fire Retardant Elector	ZI-rated, side shields □ Chemical □ Dust □ Plugs □ Muffs □ Half-mask □ Full-face	X	XXX	Item	
x	X	Goggles Faceshield Hearing Protection Respirator Dust Mask Fire Retardant Elec Eyewash Station	ZI-rated, side shields □ Chemical □ Dust □ Plugs □ Muffs □ Half-mask □ Full-face	X	XXX	Item	
	X	Goggles Faceshield Hearing Protection Respirator Dust Mask Fire Retardant Elector	ZI-rated, side shields □ Chemical □ Dust □ Plugs □ Muffs □ Half-mask □ Full-face	X	XXX	Item	

Need	N/A	uirements Area
X		BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (१००३ मध्)	DAILY SAFE WORK FOI	SES (Page of)	
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	180 Mill Street,	DATE
PRE-TASK PLAN (PTP)	SES SUPERVISOR:	Cranston, RI	

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	List (Check off AND Circle today's activities) Task 1 - Permitting
	Task 2 – Mobilization/Site Pron/Bood 8 P
]	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls Task 3 – Excavation/Decontamination/Soil Stock Piling/Leadin (1996)
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management Task 5 – Backfilling and On the Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement Task 6 - Demobilization
	Task 6 - Demobilization

Today's		Recommended Actions of	rrocedures	
Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanisi and/or JSA (See HASP)
	3	Chemical Hazards	MA□ Low□ Medium⊠ High□	
ZV	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
Ø/	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All J5As
OV	3,4,5,6	Cold		B4 Heat: All JSAs
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
D	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
Ø	4,5,6		NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
		Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: 15A
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	5,0,9
	4,5,6	Overhead II		B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
		Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: ISA
<u> </u>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	2,5,6 B17 Traffic Management: All JSA
D/	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	R19 Uses March
	5,6	Trenching/Excavation	WALL SHE	B18 Heavy Machinery: JSA 4,5 B19 Trenching/Excavation:JSA
2	1,3,4,5,6	Vehicle use	NOC	4,5,6,8
]	2,3		MARKET I CO. A.S.	B20 Vehicle Use: All JSA
				B21 Work Near/On Water: JSA
	,,,	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	322 Working from Heights (<4

BASF Facility Cranston, RI Date (9:13:19)		DAILY SAFE	SES (Page of)	
	4,5	Elevated heights (>4ft)		
	5,6	Overhead/underground	NA□ Low⊠ Medium□ High□	B23 Working from Heights (feet)
	4,5,6	utilities Powered hand tools	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4
	4,5,6	Electrically powered	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9
]	4,5,6	equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered
]	4,5	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9
<u> </u>	3,4,5,6	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4
		Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material
]	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	Handling/Ergonomics: JSA 2,6,7,9 B32 Plants and Animals: All
a P	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	JSAs B32 Plants and Animals; All
	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	JSAs B32 Poisonous Plants,
	1,3,4,5,6	Employees working early/late	NA Low Medium High	Animals, and Insects; All JSA
	Note:A single ha evaluated as the	zard may be listed under several T overall ranking.	asks. In this case, use the highes	B34 Personal Safety; All JSAs t Severity ranking of the tasks
Visi	ORS OF	Activities, And Associated Health	and Safety Risks and Protective	Procedures/Equipment:



Photo 1: Bioretention and topsoil alongside access road. (facing south).



Photo 3: Overview of existing site conditions from primary gate access (facing south).



Photo 2: Topsoil being delivered (facing north).



Photo 4: Topsoil staging area alongside northern property line (facing east).



DAILY PROJECT REPORT

Project:	BASF, Lot 1102	Submitted B	y: Joseph Drebaum		
	180 Mill Street	Signature	e: Jeseph 5.	Duly	noultants.
	Cranston, RI	Date	e: 9/16/2019		msuitants
	Weather: Sunny		Daily Precipitation: <u>0.0"</u>	Temp: 76/62	
PERSONN	EL/EQUIPMENT			(Hi - lo	w)
Contractor	No.		Owner/Representative	à:	
	Superintendent				
	1 Foremen	SES			
	H&S/QA Officer		AEI Personnel:	J. Drebaum	1
	3 Operators	SES		A. Ting	1
	Laborers Other Trades (Surveyor)				
SubContract	or No. Company/Firm		Visitors On Site:		
	2 New England Geotech	P		uctin LICIC (Dia Cafa)	100
			Zackii D	ustin, USIC (Dig Safe)	
	Total Personnel On Site		_		
MAJOR EQ	UIPMENT:			ty (maximum	
Skidsteer T5				EQUIPMENT/MATER	IALS RECEIVED
Mini CAT E3!	The second of th			Loam (16 Loads)	
Dozer CAT D				Total Quantity = 442	
Roller Dyna				Bio Retention = 1 Los	
				Total Quantity = 25 Y	ards
WORK COM	IPLETED: e to spread loam towards northern sid	Addison John Co.			
cicvation wa	ed out with fabric and crushed stone, s measured with a laser level and rod	. All personell not ons	of Loam Material deliver	red. 1 load of Bio retention ed on Health and Safety ma	material. Material atters.
HEALTH &	SAFETY:				
procedures a	ewed SES's Safe Work Form/Pre-Task and content of SES's HASP." June June June June June June June June	Plan for today, and ve	erifies, by signing below,	that these documents con	ply with the
ISSUES/CH	ANGES/RESOLUTIONS:			100 in manufacture in the	
N/A	ALOSEO FIONS.		TOTAL LANGUAGE CO.	The Hardward Control of the Control	
DISCUSSIO	NS/CLIENT DIRECTION:				
V/A	NS/CLIENT DIRECTION:				



Photo 1: Loam placed towards northern side of site. (facing north)



Photo4: crushed stone pedestrian pathway. (facing north east).



Photo 2: loam spread on middle part of site. (facing West).



Photo 5: Southern retention pond (lighter material) married to loam (darker material) (facing south east).



Photo 3: Crushed stone pad with fabric underlaying. (facing north east).



Photo 6: Rip-rap pad for CEC. (facing south).



Project:
BASF Facility
Cranston, RI
Date (9:16:19)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

FRIDA									
	· ·								
Servicing or M	aintenance We	ork Description							
Description of V	Vork: CMI Impl	ementation Project							
Start Date / Tim	e: (Date) (Time	1 9.16.19 6:00 P	M						
Work	80 Mill Street, 0	Cranston, RI							
VVOIK									
Strategic Envir	ronmontal Co-	des la compa							
Strategic Environmental Services, Inc. (SES) Primary/Lead Company Name: SES									
Contact Person	:	OEG							
Contact phone									
Health and Saf	ety (H&S) Plan	(HASP) Signatures							
oign-on sneet and	Sung that the MAS	O has been made assettate	d reviewed by the individual p	rior to entry into the site, and/or daily H&S					
required dally, and	as otherwise des	mod passagem by the 6% . II.	and salety Orientati	on. Thereamer, a tailgate safety meeting is					
read, understood,	and will observe t	he contents of this HASP and	aith and Safety Officer. By sigi Daily Safe Work Form with Pre	on. Thereafter, a tailgate safety meeting is ning below, an individual certifies that he has					
. accessed on consider charts.	ary meening		, Hold File	- i ask Plaining Form.					
Date MONDAY			Company	Initials					
9-16-19	JASON	DUNER	565	10					
9.16.19	JOHN (ELGUTON	565	0.2-					
9-16-19		cher	505	MI					
9/16/19	Zach	Drehann	AET	UD,					
91619		Dustin Dustin	USCI	33					
1011	Tommy	CAVROAUGH	ROF	0.76					
		*							
	-								
	1								
Visitor Log									
It is SES's policy th	nat visitors must f	urnish their own personal prof	ective equipment All visitors	are required to sign the visitor log and					
mottibeth agerie seccure	i anu galety Fian	equirements if the visitor for	resents a regulatory agency co	oncerned with site health and safety issues,					
THE POOLSHIPTON OIL	Cupervisor Strait	also infillediately notify HSC.							
Name of Visitor (Print) Company Name			Date of Visit	Signature					
				 					

Project: BASF Facility Cranston, RI Date ()	DAILY SAFE WORK FORM	SES (Page of)

Project:
BASF Facility
Cranston, RI
Date (9:16:19)

DAILY SAFE WORK FORM

SES (Page __ of __)

Type of Equipment/Vehicles/Motorized Equipment									
	Field Ser	vice Trailer	Roll-off Tractor Truck						
0	Excavato		_	Roll-off containers					
	Loader			Imp Truck/Triaxle					
	Track Do		_	Dump Trailers					
D	Skid Stee	er Loader	_	Pickup Utility Trucks					
	Frac Tan		_	Sump Pump					
D	Generato	L.	-	Trench Box					
	Water Bu	Law Inc.	_						
	Sawzail		_	NaOH Storage Tank					
			4	Other (list) Compretor					
This	work als	o requires the use of the permits or doc	1117	pente chacked below					
⊠ F	ROJECT	-SPECIFIC HASP	,uit	ients checked below					
		T, TAG-OUT PERMIT	-						
		PLANNING FORM	_						
		D SPACE ENTRY PERMIT	-						
	THERS ((LIST)							
Anti	cipated P	roject Risks and Hazards Identification	ld	entify the source/s used and include necessary specific					
infor	mation (S	ee Daily Pre-Task Plan for day-specific info	orm	nation)					
Use	d N/A	Source	-	Specific Risk or Hazard that needs to be addressed					
X		Pre-work Inspection of the work site		See SES HASP					
X		MSDS review / includes any 'new' chemic	cals	MSDS Sheets Provided in HASP					
	X	Crane Operations							
	X	Elevated Work							
X		Environmental Conditions		See SES HASP					
X		Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic					
	X	Language / Communication Difficulties							
X		Materials to be used		See Pre-Task Plan					
	Х	Overhead Work / Rigging							
	Х	Special Equipment to be used							
X.		Trenching / Excavation		See SES HASP					
	Х	Utilities System tie-in / restrictions							
X		Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate					
		Project Required Precautions & Protective							
		See Daily Pre-Task Plan for day-specific in	forr						
Nee	d N/A	Area		Specific measures that are required					
X		Access & Egress Plans (People & Equip	me	ent) To be developed on site with SES work crew					
	X	Barricades needed							
	X	BASF equipment / materials to be used	_						
	X	Electrical safety equipment required							
	X	Elevator use							
X		Emergency Equipment		See SES HASP					
X		Emergency Plans / Emergency Respond	der	See SES HASP					
	X	Fall protection							
X		First Aid / Medical Treatment provisions		See SES HASP					
	X	HOT WORK Procedure requirements							
	Х	HVAC System requirements	-						
	X	LINE-BREAKING procedure requirement	nts						

Cran	ect: F Fac ston, I	RI DAILY SAI	DAILY SAFE WORK FORM						
	X	Scaffolds / decking							
X		Temporary electrical power							
	X	Temporary Utilities services	- 8	See SES	HASF)			
X	1	Trench / Excavation Boxes							
		Other Requirements	8	See SES	HASP				
Requ	ired Pe	Presonal Protective Equipment (PPE) Iden	ntify the sou	irce/s us	sed and	check the appropriate boyon			
			dge 🗆	Work I	rovide	r Knowledge			
YES	NO	ITEM		YES	NO	Item			
X		Hardhat (either) ☐ Fiberglass ☒ Plas	tic		X	Rain Suit			
^	-	Sarety Glasses, ANZI-rated, side shields			X	Chemical Suit ☐ Jacket ☐ Pants			
	X	Goggles ☐ Chemical ☐ D	ust		X	Personal Fall Protection Equipment			
X	X	Faceshield		Х		Gloves			
^		Hearing Protection ⊠ Plugs □ Mu	uffs	Х		Long sleeve shirt and steel toed boots with steel shank			
	X	Respirator Half-mask Fu	II-face	X		Boots ☐ Rubber ☒ Other			
	X	Dust Mask			X	Welding Protection			
1/	X	Fire Retardant Electrical Clothing			X	Retrieval System for Confined Spaces			
X		Eyewash Station		X		Mobile phone or radios			
X		Tyvek Suits		X		Insect repellent, sunscreen			
		Other PPE (list)	\perp	X		High-visibility, reflective vest			
	ng Rec	quirements	-						
Need	N/A	Area				With the same of t			
X		BASF Safety Orientation (if required)							
X		MSDS Reviews							
X		Review of precautions listed above per 8	SES HASP						
X		Review of required PPE							
		Other training (specify) —							

Project: BASF Facility Cranston, RI Date (পু:িন্মুপ্র)	RM	SES (Page of)	
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street,	DATE
PRE-TASK PLAN (PTP)	SES SUPERVISOR:	Cranston, RI	

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

List (Check off AND Circle today's activities) Task 1 - Permitting
Task 2 - Mobilization/Site Pren/Pood 8 D
Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls Task 3 – Excavation/Decontamination/Soil Stock Pilips/Loading/1999
 Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management Task 4 – Transportation and Disposal of Contaminated Material
Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	ecommended Actions o	Relative Hazard /Risk Rating*	Hazard Controls Mechanism	
		Chamila III		and/or JSA (See HASP)	
Ū/	3,4,5	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10	
		Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: J5As 1,2,4,5,6	
<u>a</u> /	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs	
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs	
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□		
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs	
V	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs B7 Safe Walking Surfaces and	
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	Work Areas: JSA 1,3,4,7	
	5,6	Live Electrical Equipment	APAICS .	B8 Noise: All JSA's	
	4,5			B14 Live Electrical Equip: JSA 5,6,9	
		Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and	
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	Work Areas; JSA 1,3,4,7 B15 Overhead Hazards: JSA	
V	3,4,5,6	Traffic Management	NA□ Low□ Medium⊠ High□	2,5,6	
		(Vehicle, pedestrian interference)	MAC COME Mediamiz High	B17 Traffic Management: All JSA	
D /	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5	
	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ (ligh□	B19 Trenching/Excavation: ISA	
J	1,3,4,5,6	Vehicle use	SANCE	4,5,6,8	
	2,3		MARY I. C. A. I.	B20 Vehicle Use: All JSA	
	4.5		NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA	
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ Fligh□	B22 Working from Heights (<4	

BASF Facility Cranston, RI Date (9 cib - [9)		DAILY SAFE	DAILY SAFE WORK FORM				
	4,5	Elevated heights (>4ft)	[9096]				
	5,6	Overhead/underground	NA□ Low⊠ Medium□ High□	B23 Working from Heights (feet)			
	4,5,6	utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4			
		Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered			
]	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered			
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9			
]	4,5	Drums, cylinders,		B26 Cutting Devices/Tools; JSA 9			
1	3,4,5,6	containers Material handling,	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4			
	3,5,6	ergonomics	NA Low Medium High	B29 Material Handling/Ergonomics: JSA 2,6,7,9			
		Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All			
4	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; Ali			
8	3,5,6	Ticks, mosquitos	Ticks, mosquitos				
]	1,3,4,5,6	Employees working	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA			
1	Note: A single ha	early/late eazard may be listed under several a coverall ranking.		B34 Personal Safety; All JSAs			
escription	on of Any Additional A	Activities, And Associated Health	and Safety Risks and Protectiv	e Procedures/Equipment:			
7.00							

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9.16.19	JOHN LEIGHTON	SES	6:00	4:00 PU
9-16-19	JASON CLIVIER	SE5 .	0600	0915
91619	Tom CAUANAUGH	ROT	700	350
9-16-19	Joe Hefner	SES	6:45	3:00
a Idia	Joseph Dopbaum	AEI	7:20	16:00
9/16/19	Zach Dostin	ÚSIC	1:41	1:54
	·			
			-	

DAILY PROJECT REPORT Project: BASF, Lot 1102 Submitted By: Joseph Drebaum 180 Mill Street Signature: Cranston, RI 9/17/2019 Daily Weather: Sunny Precipitation: 0.0" Temp: 76/62 (Hi - low) PERSONNEL/EQUIPMENT Contractor No. Owner/Representative: Superintendent 1 Foremen SES H&S/QA Officer AEI Personnel: J. Drebaum 1 3 Operators SES A. Ting 1 __ Laborers Other Trades (Surveyor) SubContractor No. Company/Firm Visitors On Site: 2 New England Geotech 8 Total Personnel On Site **MAJOR EQUIPMENT: EQUIPMENT/MATERIALS RECEIVED:** Skidsteer T590 United G25 T45 Generator Loam (12 Loads) Mini CAT E35i Loader 470 Total Quantity = 330 Yards Dozer CAT D5K Roller Dyna PAC 5 WORK COMPLETED: SES Continue to spread loam towards northern side of property and continue working on pedestrian walkways. Pedestrian pathways layed out with fabric and crushed stone. 12 loads (330 Yards) of Loam Material delivered. Material elevation was measured with a laser level and rod. New England Geotech onsite to install raised casing around wells so that wells are approximately 2 feet above final loam elevation. Casing installed around existing well casing and secured with a concrete pad. Care taken to not interfere or puncture liner. All personell not onsite at start of day, briefed on Health and Safety matters. **HEALTH & SAFETY:** AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP

AEI Signature

ISSUES/CHANGES/RESOLUTIONS:

DISCUSSIONS/CLIENT DIRECTION:

N/A



Photo 1: crushed stone walkway. (facing north west)



Photo4: Retention pond final contour using bioretention material. (facing south west).



Photo 2: Retention pond final contour using bioretention material. (facing south east).



Photo 5: Major area still requiring loam. (facing north).



Photo 3: MW- 3021 and MW-302S with installed risers. (facing north west



Photo 6: Final graded loam adjacent to Mill Street. (facing north).



STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9-17-19					Drojec	+ Ni-maham and a salah				
TUESDAY					Project	t Number: 18-012 Z				
CLIENT / SITE INFORMA	ATION									
Name: BASF/AF										
	Address: 160 Mill									
CRANST										
Contact:	Oly ,									
	Tank i	7. s. Si	10-7	•44						
WALK WAYS. ?	TOOL	SON OV.	11/2 17	/ DI	ECTINI	L. FINISH PONOS. WORK ON				
walk mays. 4	<u> </u>	MUE	10	GRA	ADE OU.	T TOP SOIL				
				-						
LABOR					T.ATER					
Name	Prolition					IALS / EQUIPMENT / TOOLS				
JASON OLIVIER	Position		n-site Off-Site		Quantity	Item / Description				
JOHN LEILHTON	SUPER		600 1660		14	PPE Level: A B C 🚳				
JOE HEFNES	NOTWISED -		600 1500		1	SERVICE TRUCK				
TOM COFLIN	F/7		700 1560	_	L	Nozer D5K				
DM COLLII	OPERATOR	070	700 15 00	1	1	EXCHUAZOR E35I				
		-		1		130 B CAT 7590				
	-	-	_	1	1	ROLLER DYNAPACS				
				\perp	l	LOADER 470				
						GENARATUR 625				
SUBCONTRACTORS					-1	OFFICE TRAILER TEMP FENCE. CONX, TOILET				
ALL ISLAND LAY	DDSCA"	PE:			- 1	LASER				
(2) Lords OF TO	PSOIL (@ 331	0 yel 3		1	MAND TOOLS				
			1							
MCINTYRE - (2)	DADS	Bio	Ren	STIOU						
MATERIAL Q										
WEATHER OBSERVATION	15									
					Project Mana	ager's Signature:				
					Cliant's Cign	48.2				
					Client's Signa	ature:				

Project:	
BASF Facility	9
Cranston, RI	
Date (91/7/19)	Ì
TUESDAU	١

SES,	Sut	ton,	MA
(Pag	e	of	

Cranston, RI Date (911710	3)	DAILY SAFE	WORK FORM No	(Pageof)
TUESDAY				
Servicing or M	aintenance l	Work Description		
Description of V	Vork: CMI Im	plementation Project		
Start Date / Tim	e: (Date) (Tin	ne) 9-17-19-Tues. C	71 22 211	
Location of 1	80 Mill Street	, Cranston, RI	6 VO AM	
Work				
Stratogia Emvis		and the same of th		
Primary and C	onmental Se	rvices, Inc. (SES)		
Primary/Lead Contact Person:	ompany Nam	e: SES		
Contact Person:				
Some profile				
Health and Safe	ety (H&S) Pla	ın (HASP) Signatures		With the second
OWNER SHEET STEEL	ting mar the H	ASD bas been much and the	d ravioused by the leaftest	prior to entry into the site, and/or daily H&S
required <u>daily</u> , and read, understood, a Health and Safe	as otherwise d and will observe by Meeting	eemed necessary by the Site Heat the contents of this HASP and	and safety Orienta	tion. Increatter, a tailgate safety meeting is
Date	Name of At	tendee (Print)	Company	Initials
9.11.19	JAYSON	Oliver.	SES	A.O.
9-17:19	JOHNL	ELENTOP	SES	10/
91719	Tommy	CAVANAOGH	ROL	PTC
9-17-19	TOP	Hefner	SES	12/6
9-17-19	Soseph	- Irekann	AEL	- Ogn
9/14/19	Agro	o Tine	AET	
9107 (19	Dune	Ream	Nec.	- Incr
9117/19	Have	Renthere	NEG	DIED
,	-		NCO.	HR
			1	
/isitor Log				
t is SES's policy the	t visitore must	Guerlah 4h ala		
comply with Health a he Designated Site : Varne of Visitor (F	Supervisor sha	il also immediately notify HSC.	ective equipment. All visitors esents a regulatory agency c	are required to sign the visitor log and oncerned with site health and safety issues,
value of Visitor (-tifit)	Company Name	Date of Visit	Signature
Manual VIII				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

Project: BASF Facility Cranston, RI Date (주 기가)	DAILY SAFE WORK FORM	SES (Page of)

Project:
BASF Facility
Cranston, RI
Date (9.17:19)

DAILY SAFE WORK FORM

SE	S	September 1
(Page _	_of_	_)

	e of Fo	Winment/Vehicle-/85	
	Field	uipment/Vehicles/Motorized Equipment Service Trailer	
d	Excav	atore	Tractor rider
V.	Loade		Roll-off containers
7	The same of the sa	Dozer	Dump Truck/Triaxle
V		teer Loader	Dump Trailers
	Frac T		Pickup Utility Trucks
d	Gener		Sump Pump
			Trench Box
7	Sawza	Buffalo	NaOH Storage Tank
	Sawza		Other (list) COMPACTOR
Thie	mont -		COMPACIBIL
7 0	WOIK &	ilso requires the use of the permits or docu	ments checked below
			The state of the s
7 1	DE TA	UT, TAG-OUT PERMIT	
7 6	ONE IN	SK PLANNING FORM	
7 0	THERE	ED SPACE ENTRY PERMIT	
1 0	THERE	(LIST)	
en42 -	line4- 4	Delta	
forn	nation (Project Risks and Hazards Identification	dentify the source/s used and include necessary specific
sed	N/A	See Daily Pre-Task Plan for day-specific inform	mation)
seu	INA	Cource	
		Pre-work Inspection of the work site	Specific Risk or Hazard that needs to be addressed See SES HASP
	-	I MSDS review / includes any 'new' chemical	MSDS Sheets Provided in HASP
-	X	Crane Operations	moso cheets Provided in HASP
	X	Elevated Work	
		Environmental Conditions	
	-	The second conditions	See SES HASE
	-	Heavy Powered Mobile Equipment Use	See SES HASP
	Х	Heavy Powered Mobile Equipment Use Language / Communication Difficulties	See SES HASP Excavators to load soil into trucks, truck traffic
		Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used	Excavators to load soil into trucks, truck traffic
	X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging	See SES HASP Excavators to load soil into trucks, truck traffic See Pre-Task Plan
		Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used	Excavators to load soil into trucks, truck traffic
	X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation	Excavators to load soil into trucks, truck traffic See Pre-Task Plan
	X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation Utilities System tie-in / restrictions	Excavators to load soil into trucks, truck traffic
	X X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation Utilities System tie-in / restrictions Other Risks or Hazarde	See Pre-Task Plan See SES HASP
itici	X X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation Utilities System tie-in / restrictions Other Risks or Hazards	See Pre-Task Plan See SES HASP PCB/VOC-contaminated soils: Sodium Persulfato
iticij	X X X pated F	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation Utilities System tie-in / restrictions Other Risks or Hazards Project Required Precautions & Protective Inseed Daily Pre-Task Plan for day-specific information	See Pre-Task Plan See SES HASP PCB/VOC-contaminated soils: Sodium Persulfato
itici	X X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation Utilities System tie-in / restrictions Other Risks or Hazards roject Required Precautions & Protective I See Daily Pre-Task Plan for day-specific inform Area	See Pre-Task Plan See SES HASP PCB/VOC-contaminated soils; Sodium Persulfate Measures Be sure that each identified Risk or Hazard is
iticij	X X X pated F sed (S	Heavy Powered Mobile Equipment Use Language / Communication Difficulties Materials to be used Overhead Work / Rigging Special Equipment to be used Trenching / Excavation Utilities System tie-in / restrictions Other Risks or Hazards Project Required Precautions & Protective Insertions See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment	See Pre-Task Plan See SES HASP PCB/VOC-contaminated soils; Sodium Persulfate Measures Be sure that each identified Risk or Hazard is nation) Specific measures that are required
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Cra	nston	reility , RI 7-9)	DAILY SAFE W	ORK	FORM	SES (Page of
	X	Scaffolds / ded	king			
X		Temporary ele	otrical -			
	X	Temporary Little	culcal power	See S	ES HAS	P
X		Temporary Uti	illes services			
		Other Possin	ation Boxes	See S	ES HAS	9
		Other Requirer	nents			
Real	ired P	Premal Broke				
DP	PF GF	D ST MACE	Equipment (PPE) Identify the	sourcele	unad an	
YES	INO	ITEM MSDS	Equipment (PPE) Identify the BASF Knowledge	Mor.	useu an	d check the appropriate boxes
X	110	- market		YES		Prior SWD
X	-	Hardhat (either)	☐ Fiberglass ☒ Plastic	TES	1,10	Item
-	X	Tailor Classes, A	NZI-rated, side shields	-	X	Rain Suit
		Tooggies	☐ Chemical ☐ Dust	-	Х	Chemical Suit I Jacket II D
X	X	Faceshield		-	X	Personal Fall Protection Equipment
^	1	Hearing Protection	n ⊠ Plugs ☐ Muffs	X		Chemical Time
-	-		_ inde	X		Long sleeve shirt and steel toed boo
	X	Respirator	☐ Half-mask ☐ Full-face			with steel shank
	X	Dust Mask	an race	X		Doot
	X	Fire Retardant Ele	ctrical Clothing		X	Welding Protection □ Rubber ☑ Othe
		Eyewash Station	sa iodi Cibiling		X	Retrieval System for Co. C.
		Tyvek Suits		X		Retrieval System for Confined Space Mobile phone or radios
		Other PPE (list)		X	122-0	Insect repellent, sunscreen
				X		High-visibility and all
rainir	g Req	uirements				High-visibility, reflective vest
eed	N/A	Area				
			nhaki- //			
		MSDS Reviews	ntation (if required)			
		Review of pre-				
		Review of precauti	ons listed above per SES HASP	5		
		The state of the s				
-	-	Other training (spe	cify) –			

Project: BASF Facility Cranston, RI Date (9-1)-(9)	DAILY SAFE WORK FO	RM	SES (Page of)
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street,	DATE
PRE-TASK PLAN (PTP)	SES SUPERVISOR:	Cranston, RI	

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

 st (Check off AND Circle today's activities) Task 1 - Permitting
Task 2 - Mobilization/Site Day 19
Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management Task 5 – Backfilling and Disposal of Contaminated Material
 Transportation and Discourse of Transportation and Discourse o
 DOCKING POR CAROLOGICAL CONTRACTOR OF THE PROPERTY OF THE PROP
Task 6 - Demobilization

Today's		Recommended Actions	or Procedures	
(Check Each)	Task Number(s)		Relative Hazard /Risk Rating	Hazard Controls Mechanism
	3	Chemical Hazards	MACLICACIO	and/or JSA (See HASP)
	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
Ø'	3,4,5,6	Job Zone Control	Town Medium Might	B2 Dust: JSAs 1,2,4,5,6
	3,4,5,6	Heat	MA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6	Cold	MA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
B.	3,4,5,6		NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
	456	Walking/Working Surface	S NA Low Medium High	B7 Safe Walking Surfaces and
<u> </u>	4,5,6	Noise	NA□ Low□ Medium⊠ High□	Work Areas: JSA 1,3,4,7
	5,6	Live Electrical Equipment	NACI LOWE Made	B8 Noise: All JSA's
	4,5		NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
7		Poor Lighting	NA□ Low⊠ Medium□ High□	2,0,5
	4,5,6	Overhead Hazards		B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
7	3,4,5,6	T., 60	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: 15A
		Traffic Management (Vehicle, pedestrian	MAD LOWD MAN	2,3,0
7		Interference)		B17 Traffic Management: All JSA
	F.C.	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ Highs□	
	3,0	Frenching/Excavation	MAIST LOWET AND IN	B18 Heavy Machinery: JSA 4,5
	1,3,4,5,6	/ehicle use		B19 Trenching/Excavation: JSA 4,5,6,8
	2 2	Mark	MAL Low Medium High	320 Vehicle Use: All JSA
	4.5			321 Work Near/On Water: JSA
	7,5	levated heights (<4ft)	WALL LOWER MARK	
				22 Working from Heights (<4

Elevated heights (>4ft) Social Comparison	Date (Facility ton, RI G 4) 19)	DAILY SAFE	WORK FORM	SES (Page of)
S,6 Overhead/underground utilities NA Low Medium Mediu		4,5	Elevated heights (> 46)		
d.5,6 Powered hand tools MA Low Medium Main Medium		5,6			B23 Working from Heights
4,5,6 Electrically powered equipment A,5,6 Electrically powered equipment A,5,6 Cutting devices/tools A,5,6 Drums, cylinders, containers A,5,6 Asterial handling, ergonomics A,5,6 Poisonous/irritating plants A,5,6 Insects/rodents/snakes A,5,6 Ticks, mosquitos NAC Low Medium]	4,5,6	duncies		B24 Overhead/Undo
equipment A,5,6 Cutting devices/tools MA Low Medium Hop B25 Electrically Powered Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9 B26 Cutting Devices/Tools; JSA 9 B27 Cutting Devices/Tools; JSA 9 B28 Cutting Devices/Tools; JSA 9 B29 Material Powered Equipment and Tools: JSA 9 B29 Material Powered Equipment and Tools: JSA 9 B26 Cutting Devices/Tools; JSA 9 B27 Material Powered Equipment and Tools: JSA 9 B28 Cutting Devices/Tools; JSA 9 B29 Material Powered Powe]	4,5,6		NA□ Low⊠ Medium□ High□	B25 Electrically Powers
4,5 Drums, cylinders, containers NA Low Medium Hon B26 Cutting Devices/Tools; JSA 9 3,4,5,6 Material handling, ergonomics 3,5,6 Poisonous/irritating plants NA Low Medium Hon B32 Plants and Animals: All JSAs 4,5,6 Insects/rodents/snakes NA Low Medium Hon B32 Plants and Animals: All JSAs 3,5,6 Ticks, mosquitos NA Low Medium Hon B32 Plants and Animals; All JSAs 1,3,4,5,6 Employees working early/late NA Low Medium Hon B32 Plants and Insects; All JSAs Note: A single hazard may be listed under several Tasks. In this case, use the highest Soverity and Insects; All JSAs evaluated as the overall ranking.]	4,5.6	equipment	MA□ Low⊠ Medium□ High□	B25 Electrically Power
Drums, cylinders, containers 3,4,5,6 Material handling, ergonomics Mal Low Medium M				MA Low Medium High	Legarphilent and Tools: ISA o
Material handling, ergonomics 3,5,6 Poisonous/irritating plants NAI Low Medium Hotol 4,5,6 Insects/rodents/snakes NAI Low Medium Hotol 3,5,6 Insects/rodents/snakes NAI Low Medium Hotol 3,5,6 Insects/rodents/snakes NAI Low Medium Hotol B32 Plants and Animals: All JSAs B32 Plants and Animals: All JSAs NAI Low Medium Hotol B32 Plants and Animals; All JSAs 1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity all JSAs	/		Drums, cylinders, containers		
3,5,6 Polsonous/irritating plants NA□ Low⊠ Medium□ High□ B32 Plants and Animals: All JSAs A,5,6 Insects/rodents/snakes NA□ Low⊠ Medium□ High□ B32 Plants and Animals; All JSAs B32 Plants and Animals; All JSAs Low⊠ Medium□ High□ B32 Plants and Animals; All JSAs B32 Poisonous Plants, Animals, and Insects; All JSAs Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity.			Material handling, ergonomics	A.4	B29 Material
Insects/rodents/snakes NA□ Low⊠ Medium□ High□ B32 Plants and Animals; All JSAs B32 Plants and Animals; All JSAs B32 Plants and Animals; All JSAs 1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity.			Poisonous/irritating plants	MA□ Low⊗ Medium□ Mad	Handling/Ergonomics: JSA 2,6,7,9
Ticks, mosquitos NA□ Low⊠ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JSAs Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity.			Insects/rodents/snakes		100713
Employees working early/late Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity. Animals, and Insects; All JSA B34 Personal Safety; All JSAs evaluated as the overall ranking.			Ticks, mosquitos		1
Note: A single hazard may be listed under several Tasks. In this case, use the highest Saverity.			Employees working	NAC LOWER NO.	Pullitials, and Inserts: All 10A
cription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:	-			- regidiff migit	B34 Personal Safety: All ISAs
	cription	Note: A single had evaluated as the	zard may be listed under several To overall ranking.	asks. In this case, use the highest	Severity ranking of the tasks
	ription	Note:A single has evaluated as the of Any Additional A	zard may be listed under several To overall ranking.	asks. In this case, use the highest	Severity ranking of the tasks Procedures/Equipment:

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9-17-19	JASONI OLIVIEIT	Ses	6660	
9-17-19	JOHN LEIGHTON	SRS .	0600	3:00
9-17-19	Joe Heller	SES	6:00	3:00
9/17/19	Joseph Drebnym	AEI	0700	1500
1/17/19	Aaron Ting	AED	0845	1100
	Dan Regen	NEG	0845	1230
117/2018	Hayes Realisas	NE 6	0845	1:45
111 19	TOMMY CAUANTS	A ROT-	700	300
	•			

Project: BASF, Lot 1102

180 Mill Street
Cranston, RI

Weather: Submitted By: Joseph Drebaum
Signature: 9/18/2019

Daily
Precipitation: 0.0"

Daily
Precipitation: 0.0"

Temp: 65/48

	Cranston, RI Weather:		Date:	9/18/2019		Comparedito	
				Daily Precipitation: <u>0.0"</u>		Temp: <u>65/48</u> (Hi - low)	
PERSONNEL	/EQU	IPMENT					
Contractor	No			Owner/Representative:			
		Superintendent					
	1	Foremen	SES				
		H&S/QA Officer		AEI Personne	:	J. Drebaum 1	
	4	Operators	SES/ROI				
	_1	Laborers	SES				
	_	Other Trades (Surveyor)					
SubContractor	No. Company/Firm			Visitors On Site:			
	_			BOD Made		ck (SES)	
	7	Total Personnel On Site					
MAJOR EQUI					40	EQUIPMENT/MATERIALS RECEIVED	
Skidsteer T590)	United G25 T45 Generator				Loam (5 Loads)	
Mini CAT E35i		Loader 470				Total Quantity = 150 Yards	
Dozer CAT D51 Roller Dyna PA				Rip-Rap (1 Load, 31.42 T) Crushed Stone (1 load, 31.99 T)			
out with fabric (31.99 Tons) o	to spre and of deliver	ead loam towards northern side crushed stone. 5 loads (150 Yar	ds) of Loam Material f Concrete vault. Mate	delivered, 1 loa	ad rip-rap (3	n walkways. Pedestrian pathways layed s1.42 Tons), and 1 load crushed stone ed with a laser level and rod. All personell	
HEALTH & SA AEI has review procedures and AEI Signatur	ved SE d cont	ES's Safe Work Form/Pre-Task F tent of SES's HASP."	Plan for today, and ve	rifies, by signin	g below, th	at these documents comply with the	
ISSUES/CHA N/A	NGES	S/RESOLUTIONS:					
DISCUSSION	is/ci	IENT DIRECTION:					
N/A	13/01	TENT DIRECTION:					



Photo 1: Stock pile of stone dust for use on gravel walkways, and rip-rap for use on southern pad area for CEC. (facing south)



Photo4: loam contour married up to retention pond contour. (facing north).



Photo 2: Final loam grad on southern side of property adjacent o river. (facing south).



Photo 5: Central setup of survey equipment for checking final elevations. (facing north).



Photo 3: Crushed stone pathways. (facing north).



Photo 6: initial prep for sewer vault repair. Rebar installed to reinforce concrete to be poured at a later time. (facing north).

